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Surface Water Data

Saskatchewan

Données sur les eaux de surface

1982

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1983

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1983

Canada

Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

One of the primary roles of the Water Resources Branch, Environment Canada, is to maintain a systematic hydrometric survey program across the nation. This survey involves the measurement of the flow and level of water in rivers, streams and lakes, as well as compilation, analysis and publication of the data. During 1983 the Water Resources Branch will be celebrating 75 years of dedication and service to the hydrologic community.

The history of the hydrometric survey in Canada can be traced back to 1894 when some stream measurement was done in connection with irrigation surveys. However, it was not until 1908, when Parliament made its first specific appropriation for gauging streams and determining the water supply in southern Alberta and Saskatchewan, that the Hydrographic Survey was founded. The year 1911 saw the establishment of the Dominion Water Power Branch, which consolidated the hydrometric survey program already in operation for irrigation requirements, the water power investigation under way on the Winnipeg and Bow rivers, and the administration of water power on Dominion lands. In 1913 and subsequent years, arrangements were made with the provincial governments across Canada to continue the hydrometric survey program under the Dominion Water Power Branch, while passing the administration of nearly all water resources to the provinces.

In 1975 federal-provincial agreements were established which recognized that water quantity data may be collected to meet federal needs, provincial needs, or both. According to the agreements, the operation of the networks would be provided on a shared cost basis according to each party's needs.

The Dominion Water Power Branch has undergone numerous changes of name over the 75-year period, but a systematic program for the collection and publication of hydrometric data has remained. Today the program spans the nation, with data being collected at nearly 3500 different locations. The results are made available in annual publications and more recently, in a form suitable for computers. The program is being improved constantly to ensure a continued high calibre of service to the people of Canada.

L'une des principales fonctions de la Direction des ressources en eau d'Environnement Canada consiste à gérer un programme systématique de relevés hydrométriques partout au pays. Ces relevés comprennent la mesure du débit et du niveau de l'eau dans des cours d'eau et des lacs ainsi que le rassemblement, l'analyse et la publication des données. En 1983, la Direction des ressources en eau célébrera ses 75 ans de dévoués services aux hydrologistes.

Les premiers relevés hydrométriques au Canada remontent à 1894; on effectua alors certaines mesures dans des cours d'eau pour faire des relevés se rapportant à l'irrigation. Cependant, ce n'est qu'en 1908, année où le Parlement vota pour la première fois des crédits pour jauger des cours d'eau et calculer l'approvisionnement en eau dans le sud de l'Alberta et de la Saskatchewan, que les Relevés hydrographiques furent créés. L'année 1911 vit la mise sur pied des Services des forces hydrologiques du Dominion, qui réunissaient le programme déjà en cours de relevés hydrométriques à des fins d'irrigation, l'étude de l'aménagement hydro-électrique des rivières Winnipeg et Bow, qui était en cours, et la gestion des ressources hydro-électriques des terres du Dominion. En 1913 et au cours des années qui suivirent, des ententes furent conclues avec les gouvernements provinciaux en vertu desquelles le programme de relevés hydrométriques serait poursuivi sous l'autorité des Services des forces hydrologiques du Dominion, tandis que la gestion de presque toutes les ressources en eau irait aux provinces.

En 1975, les gouvernements fédéral et provinciaux conclurent des accords stipulant que des données sur le débit des eaux pouvaient être recueillies pour répondre aux besoins du fédéral ou des administrations provinciales, les coûts étant partagés entre chaque partie en proportion de ses besoins.

Les Services des forces hydrologiques du Dominion ont changé plusieurs fois de nom depuis 75 ans, mais il y a toujours eu un programme systématique de collecte et de publication des données hydrométriques. Aujourd'hui, le programme s'étend à tout le pays, et des données sont recueillies dans presque 3500 stations différentes. Les résultats paraissent dans des publications annuelles et, depuis quelque temps, ils sont présentés de façon à être traités par informatique. Le programme est amélioré pour que les Canadiens puissent profiter constamment d'un service de haute qualité.

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Regina, Saskatchewan.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Regina (Saskatchewan).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1982 calendar year, the results of the hydrometric survey investigations which were made in Saskatchewan by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
G.M.C. Building,
1102–8th Avenue,
Regina, Saskatchewan.
S4R 1C9

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1982, the hydrometric surveys in Saskatchewan were conducted by the Water Survey of Canada under agreement with the Province of Saskatchewan. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1982, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Saskatchewan.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice G.M.C.
1102, Huitième avenue
Regina (Saskatchewan)
S4R 1C9

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1982, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Saskatchewan en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

Stream measurement work was carried on between 1894 and 1908 in connection with the Canadian Irrigation Surveys. Early in 1909 the Hydrometric Survey was organized as part of the Forestry and Irrigation Branch and was conducted by the Branch until 1911. The Hydrometric Survey was then assigned to the Irrigation Branch (later the Reclamation Service) remaining in that organization until July, 1920, when it was transferred to the Dominion Water Power Branch. Following the transfer of the natural resources of Saskatchewan to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Saskatchewan for the continuance of the hydrometric survey by the federal government. Although this agreement was terminated in 1933 work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Saskatchewan on February 18, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

Entre 1894 et 1908, des relevés ont été effectués en même temps que les levés canadiens relatifs à l'irrigation. Au début de l'année 1909, un service des relevés hydrométriques a été créé au sein de la Direction des forêts et de l'irrigation, qui s'en est occupée jusqu'en 1911. L'exécution de ces relevés a ensuite été confiée à la Direction de l'irrigation (devenue plus tard le Service de la mise en valeur des terres), et ce jusqu'en juillet 1920, date à laquelle la Direction fédérale de l'énergie hydraulique en a pris charge. Après que la responsabilité des ressources naturelles de la Saskatchewan a passé à cette dernière, le 1er octobre 1930, un accord de coopération a été conclu avec son gouvernement, aux termes duquel le gouvernement fédéral s'est engagé à poursuivre l'exécution des relevés hydrométriques. L'accord a pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 18 février 1975, le gouvernement de la Saskatchewan a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of Regional Economic Expansion, PFRA.

Provincial – Saskatchewan Power Corporation;
Saskatchewan Research Council;
Saskatchewan Department of the Environment.

Private – Churchill River Power Company;
University of Saskatchewan.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère de l'Expansion économique régionale (ARAP).

Niveau provincial – *Saskatchewan Power Corporation*,
Conseil de recherche de la Saskatchewan,
Ministère de l'Environnement de la Saskatchewan.

Secteur privé – *Churchill River Power Company*,
Université de la Saskatchewan.

CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 5280 feet
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 640 acres

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 0.160 54 cubic foot
1 imperial gallon equals 4.546 09 L (litres)
1 U.S. gallon equals 0.133 68 cubic foot
1 imperial gallon equals 1.2010 U.S. gallons

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit – 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre vaut 5280 pieds
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre équivaut à 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré vaut 640 acres

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impériais
1 gallon impérial équivaut à 0.160 54 pied cube
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon américain équivaut à 0.133 68 pied cube
1 gallon impérial équivaut à 1.2010 gallon américain

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit – 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Conversion Factors".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 270 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a seperate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Facteurs de conversion».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 270 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every three years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les trois ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record to 1976 for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every three years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement allant jusqu'en 1976, pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivière où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les trois ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948–1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans un seul tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new biennial publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates the presence of ice at the gauging station. For gauging stations where discharge data are obtained, this symbol indicates that the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications paraissant tous les deux ans et intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique la présence de glaces à la station de jaugeage, qui ont faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located in appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon (1) the stability of the stage-discharge relationship; or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge and interpretation of records. Because of all the variable factors mentioned above, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data.

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, B and E.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by Region, therefore data for a particular province may include fiche from two or more Regions. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, Region, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur (1) la stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence des mesures de débits, et (2) sur la précision des observations sur les niveaux, des mesures de débits et de l'interprétation des relevés. À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données.

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, B et E.

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par région. Les données relatives à une province en particulier peuvent donc inclure des fiches en provenance de deux régions ou plus. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la région, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ADAMS LAKE - STATION NO. 11AB005

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	1187.153	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	1186.243E	1186.239E	1187.906E	1188.136E	1187.928E	1187.486E	1187.234E	1187.162E	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	1187.500E	---	1188.139E	---	---	1187.200E	---	---	---	19
20	---	---	1186.241E	1187.668	1187.922E	---	1187.666E	1187.318E	---	1187.200E	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	1186.246	---	---	---	---	---	1187.284	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	1187.791	1187.933	---	1187.525	---	---	1187.228E	---	---	26
27	---	---	---	---	---	---	---	---	---	1187.229	---	---	27
28	---	1186.244E	---	---	---	1188.139	---	---	---	---	---	---	28
29	---	---	---	1187.858E	---	1188.139E	---	---	1187.162E	---	---	---	29
30	---	---	1186.240E	1187.874E	1187.936E	1188.139E	1187.490E	1187.262E	1187.160E	---	---	---	30
31	---	---	1186.240E		1187.936E		1187.488E	1187.260E		1187.236E			31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 38 33 N
LONG 109 50 14 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ALCOTT CREEK ABOVE MEADOW LAKE - STATION NO. 06AD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.033B	0.046B	6.28	0.264	0.001	0.002	0.351	0.160E	0.201B	---	1
2	---	---	0.033B	0.048B	4.96	0.196	0.001	0.105	0.407	0.150E	0.200B	---	2
3	---	---	0.033B	0.050B	3.89	0.182	0.026	0.121	0.444	0.130E	0.200B	---	3
4	---	---	0.033B	0.052B	3.39	0.158	0.229	0.126	0.432	0.115E	---	---	4
5	---	---	0.033B	0.054B	2.93 A	0.122	0.358	0.279	0.397	1.11 E	---	---	5
6	---	---	0.033B	0.057B	4.12 A	0.241	0.413	0.253	0.332	1.06 E	---	---	6
7	---	---	0.033B	0.060B	3.18 A	0.335	0.463	0.186	0.264	0.950E	---	---	7
8	---	---	0.033B	0.063B	2.32	0.332	0.444	0.215	0.197	0.800E	---	---	8
9	---	---	0.033B	0.066B	1.97	0.301	0.396	0.210	0.130	0.620E	---	---	9
10	---	---	0.033B	0.070B	1.88	0.228	0.325	0.102	0.088	0.500E	---	---	10
11	---	---	0.033B	0.075B	1.67	0.133	0.238	0.062	0.067	0.390E	---	---	11
12	---	---	0.033B	0.080B	1.60	0.090	0.166	0.413	0.069	0.310E	---	---	12
13	---	---	0.033B	0.090B	1.56	0.073	0.093	0.570	0.058	0.265E	---	---	13
14	---	---	0.033B	0.105B	1.38	0.074	0.071	0.464	0.081	0.245E	---	---	14
15	---	---	0.033B	0.135B	1.31	0.039	0.090	0.378	0.106	0.225E	---	---	15
16	---	---	0.034B	0.173B	1.15	0.041	0.217	0.233	0.106	0.210E	---	---	16
17	---	---	0.034B	0.260B	1.12	0.016	0.217	0.168	0.104	0.200E	---	---	17
18	---	---	0.034B	0.370B	0.981	0.017	0.152	0.106	0.107	0.190E	---	---	18
19	---	---	0.035B	0.490B	0.898	0.015	0.110	0.043	0.092	0.230E	---	---	19
20	---	---	0.035B	0.700B	0.892	0.022	0.079	0.025	0.083	0.260E	---	---	20
21	---	---	0.036B	0.943B	0.813	0.006	0.051	0.036	0.085	0.240E	---	---	21
22	---	---	0.036B	4.00 B	0.655	0.003	0.038	0.085	0.084	0.230E	---	---	22
23	---	---	0.037B	7.59 B	0.644	0.074	0.022	0.094	0.065A	0.225E	---	---	23
24	---	---	0.038B	11.3 B	0.732	0.012	0.013	0.168	0.065A	0.220E	---	---	24
25	---	---	0.039B	10.1 B	0.662	0.021	0.010	0.165	0.060E	0.215E	---	---	25
26	---	---	0.040B	8.53	0.581	0.033	0.003	0.139	0.055A	0.210E	---	---	26
27	---	---	0.041B	8.39	0.457	0.022	0.063	0.128	0.081A	0.207E	---	---	27
28	---	---	0.042B	9.56	0.435	0.007	0.130	0.154	0.079E	0.205E	---	---	28
29	---		0.043B	8.90	0.403	0.002	0.033	0.189	0.180E	0.204E	---	---	29
30	---		0.044B	7.53	0.370	0.001	0.012	0.246	0.175E	0.203B	---	---	30
31	---		0.045B		0.323		0.005	0.313		0.202B		---	31
TOTAL	---	---	1.108	79.867	53.466	3.060	4.443	5.766	4.840	10.091	---	---	TOTAL
MEAN	---	---	0.036	2.66	1.72	0.102	0.143	0.186	0.161	0.338	---	---	MEAN
MAX	---	---	0.045	11.3	6.28	0.335	0.444	0.570	0.444	1.11	---	---	MAX
MIN	---	---	0.033	0.046	0.323	0.001	0.001	0.002	0.054	0.115	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.665
MAXIMUM DAILY, 11.3B ON APR 24
MINIMUM DAILY, 0.001 ON JUN 30
MAXIMUM INSTANTANEOUS,
13.3B AT 15:11 CST ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 10 N
LONG 107 58 30 W
DRAINAGE AREA, 416 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	384
FEB	---	AUG	498
MAR	95.7	SEP	418
APR	6 900	OCT	906
MAY	4 620	NOV	---
JUN	264	DEC	---

TOTAL DISCHARGE, 14 100 dam³

ALTAMAN RESERVOIR NEAR GOVERLOCK - STATION NO. 11AB089

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	889.600E	889.600E	899.178	899.950	899.654	898.836	898.365	898.245	---	---	1
2	---	---	889.600E	889.600E	899.240	900.008	899.639	898.768	898.363	898.254	---	---	2
3	---	---	889.600E	889.600E	899.331	899.982	899.628	898.699	898.365	898.258	---	---	3
4	---	---	889.600E	889.600E	899.418	899.908	899.612	898.637	898.351	898.347	---	---	4
5	---	---	889.600E	889.600E	899.508	899.875	899.590	898.586	898.346	898.252	---	---	5
6	---	---	889.600E	889.600E	899.556	899.885	899.585	898.530	898.343	898.254	---	---	6
7	---	---	889.600E	889.600E	899.544	899.780	899.582	898.475	898.340	898.250	---	---	7
8	---	---	889.600E	889.600E	899.520	899.742	899.580	898.457	898.339	898.251	---	---	8
9	---	---	889.600E	889.600E	899.521	899.741	899.578	898.446	898.333	898.247	---	---	9
10	---	---	889.600E	889.600E	899.541	899.732	899.572	898.446	898.324	898.245	---	---	10
11	---	---	889.600E	889.600E	899.548	899.724	899.571	898.459	898.308	898.249	---	---	11
12	---	---	889.600E	890.139	899.552	899.717	899.561	898.452	898.299	898.248	---	---	12
13	---	---	889.600E	890.243	899.550	899.737	899.555	898.450	898.285	898.247	---	---	13
14	---	---	889.600E	890.412	899.539	899.752	899.545	898.446	898.279	898.250	---	---	14
15	---	---	889.600E	891.119	899.524	899.759	899.531	898.436	898.279	898.242	---	---	15
16	---	---	889.600E	892.498	899.511	899.757	899.517	898.440	898.283	898.241	---	---	16
17	---	---	889.600E	894.420	899.499	899.757	899.516	898.440	898.279	898.234	---	---	17
18	---	---	889.600E	895.883	899.485	899.765	899.517	898.432	898.281	898.228	---	---	18
19	---	---	889.600E	896.606	899.544	899.767	899.515	898.424	898.279	898.220	---	---	19
20	---	---	889.600E	897.069	899.866	899.769	899.508	898.421	898.276	898.223	---	---	20
21	---	---	889.600E	897.510	900.014	899.768	899.469	898.416	898.272	898.225	---	---	21
22	---	---	889.600E	898.231	899.962	899.764	899.419	898.402	898.266	898.227	---	---	22
23	---	---	889.600E	899.280	899.898	899.740	899.361	898.392	898.265	898.229	---	---	23
24	---	---	889.600E	899.838	899.852	899.725	899.311	898.387	898.258	898.225	---	---	24
25	---	---	889.600E	899.857	899.831	899.720	899.253	898.381	898.260	898.221	---	---	25
26	---	---	889.600E	899.582	899.798	899.710	899.201	898.375	898.248	898.224A	---	---	26
27	---	---	889.600E	899.362	899.770	899.694	899.151	898.379	898.249	898.222E	---	---	27
28	---	---	889.600E	899.273	899.748	899.675	899.089	898.379	898.252	898.220E	---	---	28
29	---		889.600E	899.215	899.748	899.665	899.024	898.372	898.252	898.218E	---	---	29
30	---		889.600E	899.190	899.824	899.662	898.962	898.373	898.255	898.216E	---	---	30
31	---		889.600E		899.820		898.901	898.368		898.214E		---	31
MEAN	---	---	889.600	893.849	899.621	899.773	899.435	898.468	898.296	898.236	---	---	MEAN
MAX	---	---	889.600	899.857	900.014	900.008	899.654	898.836	898.365	898.258	---	---	MAX
MIN	---	---	889.600	889.600	899.178	899.662	898.901	898.368	898.248	898.214	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 900.014 ON MAY 21

MAXIMUM INSTANTANEOUS,
900.036 AT 17:02 CST ON JUN 2

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 00 N
LONG 109 55 00 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY .055 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

ANISK LAKE NEAR FLIN FLON - STATION NO. 05KG003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	0.911	0.933	0.909	0.940	0.947	1
2	---	---	---	---	---	---	---	0.903	0.932	0.907	0.928	0.946	2
3	---	0.714A	---	---	---	---	---	0.917	0.938	0.899	0.920	0.950	3
4	---	---	---	---	---	---	---	0.922	0.932	0.899	0.926	0.944	4
5	---	---	---	---	0.771A	---	---	0.920	0.930	0.908	0.928	0.952	5
6	---	---	---	---	---	---	---	0.919	0.933	0.907	0.927	0.959	6
7	---	---	---	---	---	---	---	0.927	0.943	0.908	0.929	0.953	7
8	---	---	---	---	---	---	---	0.922	0.946	0.910	0.932	0.953	8
9	---	---	---	---	---	---	---	0.924	0.942	0.911	0.940	0.957	9
10	---	---	---	---	---	---	---	0.926	0.947	0.906	0.935	0.951	10
11	---	---	---	---	---	---	---	0.923	0.951	0.907	0.903	0.957	11
12	---	---	---	---	---	---	---	0.925	0.933	0.914	0.921	0.957	12
13	---	---	---	---	---	---	---	0.936	0.924	0.920	0.924	0.957	13
14	---	---	---	---	---	---	0.934A	0.930	0.926	0.915	0.925	0.965	14
15	---	---	---	---	---	---	0.935	0.953	0.930	0.910	0.928	0.961	15
16	---	---	---	---	---	---	0.933	0.954	0.917	0.907	0.923	0.967	16
17	---	---	0.715A	---	---	---	0.921	0.952	0.918	0.913	0.918	0.972	17
18	---	---	---	---	---	---	0.933	0.955	0.905	0.922	0.929	0.972	18
19	---	---	---	---	---	---	0.932	0.951	0.910	0.927	0.923	0.970	19
20	---	---	---	---	---	---	0.932	0.952	0.912	0.930	0.930	0.968	20
21	---	---	---	---	---	---	0.926	0.948	0.910	0.927	0.930	0.971	21
22	---	---	---	---	---	---	0.922	0.945	0.903	0.927	0.931	0.969	22
23	---	---	---	---	---	---	0.932	0.944	0.904	0.934	0.928A	0.975	23
24	---	---	---	---	---	---	0.927	0.936	0.909	0.935	0.931E	0.976	24
25	---	---	---	---	---	---	0.921	0.931	0.907	0.935	0.934E	0.980	25
26	---	---	---	---	0.834A	---	0.922	0.922	0.898	0.935	0.937A	0.980	26
27	---	---	---	0.715A	---	---	0.927	0.918	0.893	0.937	0.937	0.982	27
28	---	---	---	---	---	---	0.925	0.915	0.880	0.935	0.940	0.982	28
29	---		---	---	---	---	0.929	0.922	0.887	0.939	0.943	0.980	29
30	---		---	---	---	---	0.931	0.916	0.902	0.947	0.939	0.980A	30
31	---		---		---		0.916	0.921		0.945		0.980E	31
MEAN	---	---	---	---	---	---	---	0.930	0.920	0.920	0.929	0.965	MEAN
MAX	---	---	---	---	---	---	---	0.955	0.951	0.947	0.943	0.982	MAX
MIN	---	---	---	---	---	---	---	0.903	0.880	0.899	0.903	0.944	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 39 05 N
LONG 102 05 20 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

AMELIN LAKE RESERVOIR - STATION NO. 05CC005

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	515.376E	515.400	515.408	515.426	515.469	515.383	515.267	515.227	515.398	515.379	515.408	515.338	1
2	515.378E	515.398	515.408	515.430	515.465	515.372	515.276	515.251	515.398	515.389	515.398	515.336	2
3	515.379E	515.401	515.411	515.430	515.457	515.363	515.283	515.278	515.402	515.400	515.393	515.336	3
4	515.380E	515.401	515.411	515.428	515.453	515.366	515.273	515.277	515.410	515.424	515.390	515.336	4
5	515.378E	515.402	515.407	515.425	515.450	515.367	515.286	515.284	515.408	515.417	515.386	515.334	5
6	515.380E	515.401	515.411	515.424	515.454	515.381	515.314	515.285	515.406	515.418	515.383	515.333	6
7	515.380E	515.400	515.411	515.420	515.444	515.376	515.301	515.293	515.403	515.422	515.379	515.332	7
8	515.382E	515.399	515.407	515.419	515.428	515.356	515.296	515.288	515.408	515.429	515.376	515.336	8
9	515.384E	515.399	515.410	515.413	515.420	515.357	515.282	515.275	515.407	515.432	515.371	515.335	9
10	515.384E	515.402	515.410	515.410	515.416	515.354	515.289	515.268	515.407	515.432	515.368	515.336	10
11	515.385E	515.400	515.412	515.405	515.407	515.340	515.287	515.263	515.389	515.431	515.367	515.337	11
12	515.389A	515.400	515.417	515.400	515.405	515.337	515.285	515.312	515.409	515.435	515.363	515.339	12
13	515.392	515.400	515.422	515.396	515.412	515.337	515.279	515.323	515.407	515.436	515.356	515.340	13
14	515.395	515.405	515.425	515.396	515.416	515.334	515.279	515.336	515.397	515.442	515.356	515.340	14
15	515.392	515.403	515.425	515.396	515.411	515.325	515.275	515.347	515.393	515.439	515.352	515.341	15
16	515.393	515.405	515.423	515.397	515.408	515.327	515.277	515.349	515.405	515.445	515.350	515.342	16
17	515.393	515.403	515.423	515.395	515.404	515.318	515.277	515.349	515.399	515.450	515.349	515.341	17
18	515.396	515.402	515.426	515.398	515.404	515.314	515.260	515.352	515.408	515.446	515.352	515.344	18
19	515.394	515.403	515.425	515.400	515.402	515.320	515.263	515.350	515.397	515.440	515.361	515.345	19
20	515.396	515.404	515.423	515.413	515.397	515.311	515.262	515.349	515.391	515.434	515.363	515.345	20
21	515.398	515.404	515.422	515.420	515.396	515.303	515.260	515.357	515.389	515.438	515.360	515.347	21
22	515.395	515.403	515.423	515.433	515.391	515.298	515.258	515.361	515.393	515.437	515.358	515.349	22
23	515.395	515.406	515.422	515.443	515.392	515.320	515.237	515.359	515.390	515.432	515.355	515.352	23
24	515.398	515.408	515.425	515.456	515.393	515.305	515.244	515.357	515.381	515.427	515.353	515.352	24
25	515.399	515.405	515.426	515.465	515.378	515.299	515.244	515.359	515.386	515.424	515.350	515.352	25
26	515.399	515.407	515.428	515.470	515.387	515.302	515.238	515.361	515.389	515.421	515.349	515.353	26
27	515.397	515.406	515.425	515.471	515.409	515.296	515.232	515.353	515.380	515.420	515.347	515.355	27
28	515.398	515.406	515.430	515.471	515.411	515.292	515.244	515.358	515.394	515.417	515.344	515.355	28
29	515.400		515.428	515.474	515.406	515.283	515.233	515.362	515.400	515.413	515.342	515.354	29
30	515.397		515.425	515.473	515.393	515.274	515.229	515.374	515.387	515.408	515.341	515.355	30
31	515.399		515.425		515.383		515.233	515.393		515.397		515.355	31
MEAN	515.390	515.403	515.419	515.427	515.415	515.330	515.266	515.324	515.398	515.425	515.364	515.343	MEAN
MAX	515.400	515.408	515.430	515.474	515.469	515.383	515.314	515.393	515.410	515.450	515.400	515.355	MAX
MIN	515.376	515.398	515.407	515.395	515.378	515.274	515.229	515.227	515.380	515.379	515.341	515.332	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 515.375
MAXIMUM DAILY, 515.474 ON APR 29
MINIMUM DAILY, 515.227 ON AUG 1
MAXIMUM INSTANTANEOUS,
515.478 AT 18:07 CST ON APR 29

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 50 N
LONG 106 00 30 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

ANTELOPE CREEK NEAR CABRI - STATION NO. 05HC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0.487B	0	0.092	0	0	0	0	---	---	1
2	---	0B	0 B	0.215B	0	0.051	0	0	0	0	---	---	2
3	---	0B	0 B	0.077B	0	0.364	0	0	0	0	---	---	3
4	---	0B	0 B	0.031B	0	0.317	0	0	0	0	---	---	4
5	---	0B	0 B	0.023B	0	0.176	0	0	0	0	---	---	5
6	---	0B	0 B	0.021B	0	0.079	0	0	0	0	---	---	6
7	---	0B	0 B	0.015B	0	0.027	0	0	0	0	---	---	7
8	---	0B	0 B	0.012B	0	0.014	0	0	0	0	---	---	8
9	---	0B	0 B	0.016B	0	0.007	0	0	0	0	---	---	9
10	---	0B	0 B	0.100B	0	0.002	0	0	0	0	---	---	10
11	---	0B	0 B	0.433B	0	0	0	0	0	0	---	---	11
12	---	0B	0 B	0.797B	0	0	0	0	0	0	---	---	12
13	---	0B	0 B	0.831	0	0	0	0	0	0	---	---	13
14	---	0B	0 B	0.316	0	0	0	0	0	0	---	---	14
15	---	0B	0 B	0.101	0	0	0	0	0	0	---	---	15
16	---	0B	0.326B	0.028	0	0	0	0	0	0	---	---	16
17	---	0B	0.301B	0.017	0	0	0	0	0	0	---	---	17
18	---	0B	0.040B	0.010	0	0	0	0	0	0	---	---	18
19	---	0B	0.060B	0.006	0	0	0	0	0	0	---	---	19
20	---	0B	0.026B	0.003	0	0	0	0	0	0	---	---	20
21	---	0B	0.138B	0.002	0	0	0	0	0	0	---	---	21
22	---	0B	0.053B	0.005	0	0	0	0	0	0	---	---	22
23	---	0B	0.059B	0.016	0	0	0	0	0	0	---	---	23
24	---	0B	0.034B	0.013	0	0	0	0	0	0	---	---	24
25	---	0B	0.026B	0.010	0	0	0	0	0	0	---	---	25
26	---	0B	0.025B	0.006	0	0	0	0	0	0	---	---	26
27	---	0B	0.193B	0.003	0	0	0	0	0	0	---	---	27
28	---	0B	2.97 B	B	0	0	0	0	0	0	---	---	28
29	---		3.40 B	B	0	0	0	0	0	0	---	---	29
30	---		2.55 B	B	0.006	0	0	0	0	0	---	---	30
31	---		1.73 B		0.036		0	0		0		---	31
TOTAL	---	0	11.931	3.594	0.042	1.129	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.385	0.120	0.001	0.038	0	0	0	0	---	---	MEAN
MAX	---	0	3.40	0.831	0.036	0.364	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.068
MAXIMUM DAILY, 3.40B ON MAR 29
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.83B AT 15:47 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 41 N
LONG 108 22 50 W
DRAINAGE AREA, 244 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	1 030	SEP	0
APR	311	OCT	0
MAY	3.63	NOV	---
JUN	97.5	DEC	---

TOTAL DISCHARGE, 1 440 dam³

ANTLER RIVER NEAR HAUCHOPE - STATION NO. 05NP010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.086	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.082	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.081	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0.155B	0	0	0	0	0	0	---	---	12
13	---	---	0B	2.75 B	0	0	0	0	0	0	---	---	13
14	---	---	0B	7.76 B	0	0	0	0	0	0	---	---	14
15	---	---	0B	5.84	0	0	0	0	0	0	---	---	15
16	---	---	0B	3.31	0	0	0	0	0	0	---	---	16
17	---	---	0B	2.95	0	0	0	0	0	0	---	---	17
18	---	---	0B	1.76	0	0	0	0	0	0	---	---	18
19	---	---	0B	1.01	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.580	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.385	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.258	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.166	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.104	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.064	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.049	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.035	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.022	0	0	0	0	0	0	---	---	28
29	---		0B	0.014	0	0	0	0	0	0	---	---	29
30	---		0B	0.009	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	27.221	0.009	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.907	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	7.76	0.086	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.111
MAXIMUM DAILY, 7.76B ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
9.21B AT 22:33 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 03 N
LONG 101 50 52 W
DRAINAGE AREA, 349 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	2 350	OCT	0
MAY	0.78	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 350 dam³

ARCOLA INDEX RESERVOIR - STATION NO. 05NC006

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	28.693E	28.640E	30.467	30.416	30.222	30.106	29.914	29.801	---	---	1
2	---	---	28.691E	28.639E	30.464	30.409	30.214	30.097	29.909	29.801	---	---	2
3	---	---	28.689E	28.638E	30.462	30.402	30.204	30.089	29.902	29.800	---	---	3
4	---	---	28.687E	28.637E	30.459	30.394	30.196	30.081	29.895	29.807	---	---	4
5	---	---	28.685E	28.636E	30.452	30.391	30.188	30.072	29.887	29.806	---	---	5
6	---	---	28.684E	28.635E	30.450	30.387	30.177	30.064	29.884	29.805	---	---	6
7	---	---	28.682E	28.635E	30.446	30.378	30.170	30.056	29.879	29.803	---	---	7
8	---	---	28.680E	28.650E	30.443	30.371	30.171	30.045	29.873	29.800	---	---	8
9	---	---	28.678E	28.700E	30.442	30.366	30.183	30.036	29.867	29.802	---	---	9
10	---	---	28.676E	28.770E	30.447	30.358	30.181	30.025	29.861	29.801	---	---	10
11	---	---	28.675E	28.850E	30.445	30.352	30.179	30.016	29.857	29.797	---	---	11
12	---	---	28.673E	28.930A	30.444	30.345	30.172	30.010	29.850	29.795	---	---	12
13	---	---	28.671E	29.073A	30.443	30.340	30.168	30.003	29.842	29.793	---	---	13
14	---	---	28.669E	29.466	30.442	30.337	30.162	30.001	29.833	29.790	---	---	14
15	---	---	28.667E	29.911	30.439	30.329	30.159	29.994	29.827	29.786	---	---	15
16	---	---	28.666E	30.136	30.438	30.322	30.172	29.987	29.822	29.780	---	---	16
17	---	---	28.664E	30.284	30.447	30.314	30.167	29.980	29.818	29.779	---	---	17
18	---	---	28.662E	30.373	30.447	30.308	30.160	29.996	29.813	29.777	---	---	18
19	---	---	28.660E	30.408	30.445	3C.305	30.153	29.992	29.807	29.774	---	---	19
20	---	---	28.658E	30.413	30.441	30.296	30.145	29.985	29.802	29.771	---	---	20
21	---	---	28.656E	30.416	30.439	30.290	30.135	29.981	29.797	29.767	---	---	21
22	---	---	28.655E	30.426	30.435	30.283	30.153	29.977	29.791	29.766	---	---	22
23	---	---	28.653E	30.448	30.433	30.279	30.168	29.973	29.787	29.764	---	---	23
24	---	---	28.651A	30.464	30.432	30.270	30.162	29.966	29.782	29.761	---	---	24
25	---	28.700A	28.649E	30.469	30.441	30.263	30.155	29.959	29.778	29.757A	---	---	25
26	---	---	28.648E	30.468	30.443	30.256	30.148	29.952	29.773	29.756E	---	---	26
27	---	---	28.646E	30.468	30.434	30.249	30.142	29.945	29.771	29.756E	---	---	27
28	---	28.695E	28.645E	30.468	30.420	30.246	30.136	29.938	29.797	29.755E	---	---	28
29	---		28.643E	30.471	30.423	30.239	30.128	29.931	29.806	29.752E	---	---	29
30	---		28.642E	30.469	30.420	30.231	30.120	29.925	29.802	29.749E	---	---	30
31	---		28.641E		30.418		30.113	29.919		29.746E		---	31
MEAN	---	---	28.666	29.633	30.442	30.324	30.165	30.003	29.834	29.781	---	---	MEAN
MAX	---	---	28.693	30.471	30.467	30.416	30.222	30.106	29.914	29.807	---	---	MAX
MIN	---	---	28.641	28.635	30.418	30.231	30.113	29.919	29.771	29.746	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 30.471 ON APR 29

MAXIMUM INSTANTANEOUS,
30.471 AT 10:07 CST ON APR 29

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 08 N
LONG 102 34 06 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

ARM RIVER NEAR BETHUNE - STATION NO. 05JM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.250B	0.487	0.603	0.036	0.038	0.001	0	---	---	1
2	---	---	0 B	0.169B	0.395	0.455	0.009	0.076	0.001	0	---	---	2
3	---	---	0 B	0.100B	0.351	0.353	0.010	0.062	0.001	0	---	---	3
4	---	---	0 B	0.080B	0.304	0.285	0.028	0.039	0.001	0	---	---	4
5	---	---	0 B	0.070B	0.229	0.244	0.176	0.027	0.001	0	---	---	5
6	---	---	0 B	0.058B	0.170	0.169	0.213	0.017	0.001	0	---	---	6
7	---	---	0 B	0.060B	0.684	0.149	0.218	0.013	0.001	0	---	---	7
8	---	---	0 B	0.060B	0.671	0.149	0.214	0.006	0.001	0	---	---	8
9	---	---	0 B	0.060B	0.653	0.138	0.199	0.002	0.001	0	---	---	9
10	---	---	0 B	0.060B	0.658	0.102	0.173	0.001	0.001	0	---	---	10
11	---	---	0 B	0.150B	0.651	0.102	0.189	0.001	0.001	0	---	---	11
12	---	---	0 B	1.00 B	0.645	0.064	0.127	0.001	0	0	---	---	12
13	---	---	0 B	2.55 B	0.433	0.045	0.107	0.001	0	0	---	---	13
14	---	---	0 B	7.00 B	0.386	0.021	0.088	0.001	0	0	---	---	14
15	---	---	0 B	11.2 B	0.286	0.016	0.103	0.001	0	0	---	---	15
16	---	---	0 B	29.4 B	0.226	0.034	0.121	0.001	0	0	---	---	16
17	---	---	0 B	29.7	0.175	0.044	0.100	0.001	0	0	---	---	17
18	---	---	0 B	21.4	0.183	0.045	0.063	0.001	0	0	---	---	18
19	---	---	0 B	13.8	0.513	0.033	0.065	0.001	0	0	---	---	19
20	---	---	0 B	8.57	0.564	0.022	0.061	0.001	0	0	---	---	20
21	---	---	0 B	5.37	0.433	0.028	0.041	0.001	0	0	---	---	21
22	---	---	0 B	3.30	0.326	0.031	0.065	0.001	0	0	---	---	22
23	---	---	0 B	2.60	0.306	0.038	0.053	0.001	0	0	---	---	23
24	---	---	0 B	2.05	0.261	0.019	0.041	0.001	0	0	---	---	24
25	---	---	0 B	1.64	0.221	0.008	0.035	0.001	0	0	---	---	25
26	---	---	0 B	1.12	0.190	0.003	0.023	0.001	0	0	---	---	26
27	---	---	0 B	0.901	0.154	0.001	0.013	0.001	0	0	---	---	27
28	---	---	0 B	0.721	0.254	0.001	0.041	0.001	0	0	---	---	28
29	---		0 B	0.616	1.17	0.001	0.062	0.001	0	0	---	---	29
30	---		0.010B	0.508	0.956	0.016	0.048	0.001	0	0	---	---	30
31	---		0.035B		0.775		0.036	0.001		0		---	31
TOTAL	---	---	0.045	144.563	13.670	3.219	2.718	0.382	0.011	0	---	---	TOTAL
MEAN	---	---	0.001	4.82	0.441	0.107	0.088	0.010	0	0	---	---	MEAN
MAX	---	---	0.035	29.7	1.17	0.603	0.218	0.076	0.001	0	---	---	MAX
MIN	---	---	0	0.058	0.154	0.001	0.009	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.672
MAXIMUM DAILY, 29.7 ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
37.6 AT 19:00 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 12 N
LONG 105 11 28 W
DRAINAGE AREA, 1 910 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	235
FEB	---	AUG	26.1
MAR	3.89	SEP	0.95
APR	12 500	OCT	0
MAY	1 180	NOV	---
JUN	278	DEC	---

TOTAL DISCHARGE, 14 200 dam³

ASSINIBOINE RIVER AT KANSACK - STATION NO. 05MD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.440B	0.169B	0.162B	2.70 B	11.2	1.96	0.288	2.08	0.047	0.068	0.373	0.198B	1
2	0.422B	0.170B	0.154B	2.00 B	10.6	1.97	0.316	1.84	0.061	0.067	0.380B	0.182B	2
3	0.381B	0.178B	0.159B	1.55 B	9.23	1.99	0.263	1.60	0.054	0.055	0.465B	0.201B	3
4	0.359B	0.182B	0.170B	1.57 B	8.09	2.05	0.177	1.45	0.041	0.080	0.521B	0.187B	4
5	0.334B	0.174B	0.173B	1.30 B	7.41	2.13	0.147	1.20	0.028	0.070	0.449B	0.181B	5
6	0.316B	0.173B	0.178B	1.04 B	6.63	2.11	0.145	0.999	0.026	0.084	0.386B	0.166B	6
7	0.291B	0.199B	0.204B	0.882B	6.14	2.05	0.151	0.899	0.037	0.125	0.362B	0.170B	7
8	0.276B	0.197B	0.204B	0.846B	5.61	2.05	0.121	0.721	0.051	0.152	0.343B	0.198B	8
9	0.249B	0.196B	0.202B	1.03 B	5.06	2.01	0.086	0.594	0.056	0.230	0.265B	0.194B	9
10	0.236B	0.183B	0.204B	1.77 B	4.71	2.33	0.068	0.498	0.059	0.199	0.224B	0.215B	10
11	0.226B	0.180B	0.217B	2.32 B	4.37	2.69	0.063	0.622	0.078	0.177	0.230B	0.208B	11
12	0.220B	0.176B	0.164B	3.10 B	4.04	2.62	0.061	0.559	0.071	0.185	0.345B	0.207B	12
13	0.228B	0.180B	0.031B	3.93 B	3.80	2.27	0.063	0.452	0.056	0.211	0.332B	0.215B	13
14	0.232B	0.177B	0.117B	6.09 B	3.49	1.98	0.064	0.323	0.050	0.227	0.316B	0.207B	14
15	0.234B	0.193B	0.202B	6.89 B	3.18	1.74	0.062	0.244	0.046	0.235	0.317B	0.195B	15
16	0.205B	0.167B	0.184B	8.10 B	3.13	1.55	0.144	0.209	0.047	0.231	0.404B	0.193B	16
17	0.202B	0.161B	0.207B	8.72 B	3.10	1.36	13.8	0.175	0.053	0.245	0.414B	0.209B	17
18	0.189B	0.092B	0.214B	9.47 B	2.96	1.19	31.5	0.132	0.042	0.263	0.400B	0.198B	18
19	0.159B	0.075B	0.217B	12.6 B	2.93	1.05	30.7	0.089	0.044	0.303	0.398B	0.194B	19
20	0.106B	0.070B	0.214B	16.5 B	2.79	0.920	20.9	0.066	0.052	0.325	0.395B	0.193B	20
21	0.104B	0.060B	0.279B	18.4 B	2.67	0.795	12.4	0.069	0.055	0.316	0.388B	0.190B	21
22	0.092B	0.079B	0.459B	21.3 B	2.59	0.728	9.00	0.071	0.051	0.310	0.354B	0.206B	22
23	0.096B	0.110B	0.406B	22.7 B	2.48	0.659	7.23	0.063	0.053	0.293	0.326B	0.221B	23
24	0.085B	0.175B	0.141B	22.1	2.38	0.565	5.90	0.066	0.058	0.299	0.307B	0.215B	24
25	0.079B	0.156B	0.230B	21.4	2.28	0.466	5.02	0.073	0.064	0.635	0.306B	0.212B	25
26	0.092B	0.151B	0.392B	19.0	2.21	0.424	4.73	0.062	0.061	0.516	0.287B	0.217B	26
27	0.152B	0.149B	0.434B	16.7	2.08	0.409	4.37	0.059	0.065	0.372	0.267B	0.224B	27
28	0.172B	0.164B	0.467B	15.4	1.97	0.386	3.70	0.068	0.050	0.283	0.264B	0.227B	28
29	0.151B		0.743B	14.2	1.95	0.363	3.12	0.059	0.069	0.286	0.248B	0.231B	29
30	0.163B		1.21 B	12.6	1.91	0.336	2.68	0.050	0.068	0.316	0.242B	0.215B	30
31	0.164B		2.25 B		1.96		2.33	0.042		0.353		0.178B	31
TOTAL	6.655	4.336	10.608	276.208	132.95	43.151	159.599	15.434	1.593	7.507	10.308	6.247	TOTAL
MEAN	0.215	0.155	0.342	9.21	4.29	1.44	5.15	0.498	0.053	0.242	0.344	0.202	MEAN
MAX	0.440	0.199	2.25	22.7	11.2	2.69	31.5	2.08	0.078	0.635	0.521	0.231	MAX
MIN	0.079	0.060	0.031	0.846	1.91	0.336	0.061	0.042	0.026	0.055	0.224	0.166	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 31.5 ON JUL 18
MINIMUM DAILY, 0.026 ON SEP 6
MAXIMUM INSTANTANEOUS,
32.4 AT 02:33 CST ON JUL 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 53 N
LONG 101 54 58 W
DRAINAGE AREA, 12 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	575	JUL	13 800
FEB	375	AUG	1 330
MAR	917	SEP	138
APR	23 900	OCT	649
MAY	11 500	NOV	891
JUN	3 730	DEC	540

TOTAL DISCHARGE, 58 380 dam³

ASSINIBOINE RIVER AT STURGIS - STATION NO. 05NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000B	0.500B	4.95	0.630	0.092	0.168	0.040	0.096	0.160	---	1
2	---	---	0.000B	0.350B	4.63	0.496	0.091	0.135	0.040	0.103	0.158A	---	2
3	---	---	0.000B	0.250B	3.84	0.376	0.091	0.131	0.039	0.104	---	---	3
4	---	---	0.000B	0.350B	3.38	0.219	0.089	0.120	0.038	0.104	---	---	4
5	---	---	0.000B	0.500B	3.04	0.455	0.083	0.116	0.038	0.105	---	---	5
6	---	---	0.000B	0.700B	2.76	1.55	0.077	0.109	0.037	0.105	---	---	6
7	---	---	0.000B	0.400B	2.52	1.61	0.074	0.106	0.036	0.109	---	---	7
8	---	---	0.000B	0.260B	2.35	1.38	0.069	0.100	0.036	0.110	---	---	8
9	---	---	0.000B	0.350B	2.20	1.16	0.068	0.095	0.035	0.110	---	---	9
10	---	---	0.000B	0.600B	1.99	0.979	0.066	0.088	0.034	0.112	---	---	10
11	---	---	0.000B	1.00 B	1.72	0.848	0.060	0.081	0.034	0.116	---	---	11
12	---	---	0.000B	1.50 B	1.61	0.672	0.053	0.077	0.033	0.117	---	---	12
13	---	---	0.000B	2.24 B	1.49	0.511	0.050	0.074	0.032	0.115	---	---	13
14	---	---	0.000B	2.97 B	1.37	0.359	0.048	0.081	0.032	0.116	---	---	14
15	---	---	0.000B	5.58 B	1.30	0.265	0.045	0.089	0.031	0.117	---	---	15
16	---	---	0.000B	8.56 B	1.23	0.318	0.040	0.084	0.030	0.117	---	---	16
17	---	---	0.000B	9.52 B	1.21	0.229	0.098	0.077	0.030	0.120	---	---	17
18	---	---	0.000B	9.48 B	1.16	0.215	0.616	0.071	0.029	0.131	---	---	18
19	---	---	0.000B	10.0 B	1.11	0.165	0.337	0.064	0.028	0.187	---	---	19
20	---	---	0.000B	11.6 B	1.10	0.151	0.203	0.057	0.028	0.563	---	---	20
21	---	---	0.004B	12.4 B	1.04	0.142	0.175	0.051	0.027	0.175	---	---	21
22	---	---	0.006B	12.5 B	0.971	0.133	0.149	0.048	0.026	0.551	---	---	22
23	---	---	0.092B	11.3	0.863	0.127	0.143	0.047	0.026	0.441	---	---	23
24	---	---	0.100B	10.6	0.810	0.121	0.135	0.046	0.025	0.199	---	---	24
25	---	---	0.110B	10.1	0.733	0.119	0.131	0.045	0.025	0.165	---	---	25
26	---	---	0.120B	8.96	0.570	0.115	0.122	0.045	0.025	0.146	---	---	26
27	---	---	0.140B	7.94	0.478	0.112	0.116	0.044	0.025	0.143	---	---	27
28	---	---	0.160B	6.96	0.427	0.108	0.112	0.043	0.025	0.137	---	---	28
29	---		0.181B	6.19	0.539	0.103	0.108	0.042	0.068	0.158	---	---	29
30	---		0.250B	5.48	0.554	0.097	0.273	0.042	0.089	0.153	---	---	30
31	---		0.350B		0.636		0.569	0.041		0.161		---	31
TOTAL	---	---	3.273	159.140	52.381	13.707	4.381	2.417	1.041	5.142	---	---	TOTAL
MEAN	---	---	0.106	5.30	1.69	0.457	0.141	0.078	0.035	0.166	---	---	MEAN
MAX	---	---	0.350	12.5	4.95	1.61	0.616	0.168	0.089	0.563	---	---	MAX
MIN	---	---	0.000	0.250	0.427	0.097	0.000	0.041	0.025	0.096	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.986
MAXIMUM DAILY, 12.5B ON APR 22
MINIMUM DAILY, 0.025 ON SEP 24
MAXIMUM INSTANTANEOUS,
13.1B AT 12:00 CST ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 56 23 N
LONG 102 32 49 W
DRAINAGE AREA, 1 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	379
FEB	---	AUG	209
MAR	283	SEP	89.9
APR	13 700	OCT	444
MAY	4 530	NOV	---
JUN	1 180	DEC	---

TOTAL DISCHARGE, 20 800 dam³

AVONLEA CREEK NEAR BOULEAU - STATION NO. 05JE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.300B	1.99	2.94	0.313	0.300	0	0.020	---	---	1
2	---	---	0 B	0.150B	1.68	1.92	0.404	0.250	0	0.021	---	---	2
3	---	---	0 B	0.050B	1.56	1.22	0.338	0.200	0	0.006	---	---	3
4	---	---	0 B	0.005B	1.61	0.786	0.405	0.175	0	0	---	---	4
5	---	---	0 B	0 B	1.54	0.675	0.471	0.100	0	0	---	---	5
6	---	---	0 B	0 B	1.37	0.614	0.467	0.090	0	0	---	---	6
7	---	---	0 B	0 B	1.31	0.495	0.420	0.080	0	0	---	---	7
8	---	---	0 B	0 B	1.18	0.465	0.358	0.070	0	0	---	---	8
9	---	---	0 B	0 B	0.957	0.391	0.382	0.060	0	0	---	---	9
10	---	---	0 B	0 B	0.753	0.353	0.541	0.050	0	0	---	---	10
11	---	---	0 B	1.00 B	0.650	0.320	0.489	0.045	0	0	---	---	11
12	---	---	0 B	5.00 B	0.596	0.336	0.405	0.040	0	0	---	---	12
13	---	---	0 B	24.5 B	0.553	0.296	0.384	0.035	0	0	---	---	13
14	---	---	0 B	32.9 B	0.420	0.223	0.355	0.030	0	0	---	---	14
15	---	---	0 B	51.9 B	0.370	0.161	0.431	0.025	0	0	---	---	15
16	---	---	0 B	44.2 B	0.349	0.099	0.418	0.021	0	0	---	---	16
17	---	---	0 B	34.6	0.323	0.123	5.14	0.018	0	0	---	---	17
18	---	---	0 B	24.3	0.314	0.096	25.8	0.015	0	0	---	---	18
19	---	---	0 B	14.0	0.289	0.052	26.0	0.012	0	0	---	---	19
20	---	---	0 B	9.24	0.299	0.020	17.7	0.010	0	0	---	---	20
21	---	---	0 B	7.66	0.278	0.031	12.4	0.008	0	0	---	---	21
22	---	---	0 B	8.96	0.268	0.072	13.8	0.006	0	0	---	---	22
23	---	---	0 B	9.04	0.272	0.084	13.3	0.004	0	0	---	---	23
24	---	---	0 B	8.18	0.224	0.014	8.58	0.002	0	0	---	---	24
25	---	---	0 B	7.22	0.216	0.061	4.08	0.001	0	0	---	---	25
26	---	---	0 B	6.02	0.263	0.185	3.58	0	0	0	---	---	26
27	---	---	0 B	4.67	0.208	0.153	1.75	0	0.082	0	---	---	27
28	---	---	0.108B	3.52	0.305	0.137	1.08	0	0.080	0	---	---	28
29	---		0.250B	2.82	0.050	0.116	0.808	0	0.072	0	---	---	29
30	---		0.500B	2.26	1.99	0.138	0.600	0	0.030	0	---	---	30
31	---		0.500B		3.40		0.400	0		0		---	31
TOTAL	---	---	1.350	302.495	26.387	12.482	140.271	1.647	0.184	0.047	---	---	TOTAL
MEAN	---	---	0.044	10.1	0.851	0.416	4.52	0.053	0.006	0.002	---	---	MEAN
MAX	---	---	0.500	51.9	3.40	2.94	26.0	0.300	0.080	0.021	---	---	MAX
MIN	---	---	0	0	0.200	0.014	0.313	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.98
MAXIMUM DAILY, 51.9B ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
55.9B AT 15:20 CST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 50 N
LONG 104 59 27 W
DRAINAGE AREA, 963 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	12 100
FEB	---	AUG	142
MAR	117	SEP	15.9
APR	26 100	OCT	4.86
MAY	2 200	NOV	---
JUN	1 000	DEC	---

TOTAL DISCHARGE, 41 800 dam³

AVONLEA INDEX RESERVOIR - STATION NO. 05JE010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	28.279	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	25.812E	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	27.849	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	28.098	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	27.756	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 55 50 N
LONG 105 06 30 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

AVONLEA RESERVOIR NEAR AVONLEA - STATION NO. 05JE007

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	596.067E	596.921	597.685	597.752	597.487	597.549	597.306	597.185	597.179	597.143	1
2	---	---	596.067E	597.125	597.676	597.705	597.471	597.537	597.302	597.188	597.184	597.146	2
3	---	---	596.067E	597.273A	597.672	597.666	597.459	597.523	597.302	597.191	597.180	597.152	3
4	---	---	596.067A	597.292A	597.667	597.645	597.451	597.509	597.296	597.183	597.181	597.154	4
5	---	---	596.067	597.318E	597.659	597.643	597.437	597.497	597.290	597.184	597.181	597.152	5
6	---	---	596.068	597.387A	597.646	597.630	597.419	597.485	597.280	597.188	597.163	597.149	6
7	---	---	596.066	597.426A	597.647	597.623	597.417	597.466	597.279	597.188	597.158	597.146	7
8	---	---	596.064	597.434A	597.635	597.618	597.410	597.451	597.277	597.185	597.159	597.145	8
9	---	---	596.066	597.432A	597.619	597.612	597.396	597.439	597.276	597.185	597.159	597.149	9
10	---	---	596.065	597.422A	597.602	597.610	597.386	597.426	597.266	597.188	597.159	597.143	10
11	---	---	596.067	597.453A	597.597	597.606	597.373	597.416	597.258	597.190	597.151	597.144	11
12	---	---	596.069	598.023A	597.594	597.605	597.364	597.408	597.250	597.188	597.148	597.147	12
13	---	---	596.069	598.492A	597.586	597.601	597.349	597.403	597.241	597.190	597.149	597.149	13
14	---	---	596.075	599.145A	597.580	597.598	597.338	597.401	597.236	597.190	597.150	597.148	14
15	---	---	596.147	599.339A	597.578	597.589	597.333	597.390	597.232	597.190	597.150	597.148	15
16	---	---	596.210	598.988A	597.573	597.581	597.333	597.389	597.226	597.192	597.151	597.149	16
17	---	---	596.234	598.668A	597.568	597.574	598.220	597.385	597.226	597.188	597.153	597.151	17
18	---	---	596.255	598.187A	597.567	597.567	598.454	597.385	597.223	597.187	597.154	597.149	18
19	---	---	596.274	597.990	597.565	597.556	598.240	597.379	597.218	597.187	597.151	597.148	19
20	---	---	596.286	597.901	597.568	597.557	597.990	597.376	597.219	597.188	597.144	597.147	20
21	---	---	596.296	597.910	597.564	597.553	597.833	597.371	597.219	597.189	597.142	597.147	21
22	---	---	596.306	597.956	597.562	597.546	597.836	597.365	597.210	597.190	597.142	597.151	22
23	---	---	596.318	597.963	597.553	597.531	597.780	597.359	597.200	597.189	597.141	597.154	23
24	---	---	596.325	597.905	597.554	597.524	597.705	597.349	597.195	597.189	597.142	597.154	24
25	---	---	596.333	597.875	597.558	597.520	597.655	597.339	597.188	597.190	597.140	597.154	25
26	---	---	596.343	597.828	597.555	597.518	597.624	597.334	597.178	597.190	597.139	597.154	26
27	---	---	596.348	597.779	597.549	597.517	597.604	597.329	597.171	597.186	597.142	597.149	27
28	---	---	596.351	597.746	597.561	597.512	597.584	597.323	597.178	597.188	597.144	597.147	28
29	---		596.381	597.711	597.653	597.504	597.573	597.321	597.184	597.171	597.144	597.147	29
30	---		596.494	597.700	597.750	597.500	597.565	597.320	597.184	597.173	597.145	597.147	30
31	---		596.689		597.790		597.556	597.311		597.175		597.149	31
MEAN	---	---	596.211	597.852	597.611	597.585	597.681	597.404	597.237	597.186	597.151	597.149	MEAN
MAX	---	---	596.689	599.339	597.790	597.752	598.454	597.549	597.306	597.192	597.171	597.154	MAX
MIN	---	---	596.067	596.921	597.549	597.500	597.333	597.311	597.171	597.171	597.139	597.143	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 599.339A ON APR 15

MAXIMUM INSTANTANEOUS,
599.403A AT 07:53 CST ON APR 15

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 10 N
LONG 105 00 23 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BALLANTYNE RIVER ABOVE BALLANTYNE BAY - STATION NO. 05EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.56 B	0.231B	0.162B	0.349B	5.60E	16.2	6.03	4.22	12.8	5.33	9.67B	2.99B	1
2	1.54 B	0.165B	0.162B	0.376B	6.00E	15.3	5.87	4.39	12.8	5.69	7.98B	2.95B	2
3	1.48 B	0.087B	0.183B	0.373B	7.00E	14.5	7.02	7.16	12.3	5.97	7.08B	2.80B	3
4	1.45 B	0.074B	0.192B	0.383B	9.00E	13.0	9.21	11.5	11.4	6.61	8.84B	2.61B	4
5	1.43 B	0.089B	0.218B	0.382B	10.5 E	13.7	11.1	11.7	10.4	7.27	9.00B	2.43B	5
6	1.44 B	0.157B	0.225B	0.365B	12.2 E	22.9	13.4	10.8	9.46	7.66	8.91B	2.20B	6
7	1.53 B	0.188B	0.238B	0.360B	14.5 E	32.7	14.7	12.6	8.84	8.20	8.91B	2.11B	7
8	1.51 B	0.165B	0.272B	0.385B	17.0 E	32.6	14.6	15.7	8.41	8.56	7.76B	2.02B	8
9	1.45 B	0.165B	0.296B	0.366B	18.0 E	30.2	13.6	15.0	7.77	8.69	8.36B	2.02B	9
10	1.24 B	0.183B	0.182B	0.419B	18.5 E	27.9	13.0	13.3	7.28	8.61	7.74B	1.86B	10
11	1.10 B	0.182B	0.199B	0.486B	18.3 A	24.9	11.8	11.6	6.97	8.56	5.99B	1.69B	11
12	1.08 B	0.201B	0.274B	0.490B	17.6	23.6	10.8	10.7	6.68	8.47	6.16B	1.70B	12
13	0.822B	0.139B	0.295B	0.528B	16.9	20.6	10.0	10.5	6.38	8.44	5.95B	1.73B	13
14	0.653B	0.138B	0.304B	0.580B	16.5	18.5	9.43	20.3	6.03	8.33	5.78B	1.85B	14
15	0.474B	0.134B	0.320B	0.640B	16.0	16.7	13.0	25.2	5.74	8.25	5.49B	1.86B	15
16	0.423B	0.151B	0.353B	0.720B	15.2	15.8	16.1	28.3	5.74	8.12	5.06B	1.86B	16
17	0.454B	0.156B	0.317B	0.800B	14.9	15.2	15.2	27.1	5.75	8.68	5.08B	1.96B	17
18	0.520B	0.147B	0.290B	0.900B	15.0	13.9	13.5	24.4	5.67	9.06	5.54B	1.97B	18
19	0.573B	0.166B	0.169B	1.00 B	14.8	13.1	12.1	21.4	5.48	8.70	5.06B	1.98B	19
20	0.553B	0.135B	0.221B	1.18 B	14.6	12.4	11.2	18.5	5.23	7.38	5.03B	2.04B	20
21	0.541B	0.162B	0.220B	1.30 B	14.5	11.2	10.1	16.0	5.18	7.81	4.69B	2.05B	21
22	0.528B	0.183B	0.235B	1.50 B	14.5	10.5	9.01	14.2	4.96	8.14	4.87B	2.03B	22
23	0.567B	0.195B	0.240B	1.75 B	14.2	10.8	8.28	12.7	4.77	8.42	4.67B	2.10B	23
24	0.603B	0.189B	0.231B	2.05 B	13.9	11.0	7.73	11.6	4.52	9.18	4.48B	2.09B	24
25	0.464B	0.188B	0.231B	2.40 B	13.2	10.4	7.28	10.8	4.44	9.20	4.04B	2.02B	25
26	0.483B	0.156B	0.213B	2.60 E	12.6	9.55	6.80	10.2	4.33	9.59	3.73B	2.23B	26
27	0.371B	0.138B	0.216B	3.00 E	13.8	8.62	6.29	9.44	4.20	9.81	3.40B	2.37B	27
28	0.296B	0.117B	0.240B	3.60 E	16.0	7.74	5.76	8.85	4.18	10.1	3.33B	2.36B	28
29	0.294B		0.268B	4.20 E	18.5	7.09	5.42	8.66	4.49	10.0	3.29B	2.38B	29
30	0.362B		0.274B	4.80 E	18.1	6.54	5.05	8.34	4.88	7.64B	3.10B	2.36B	30
31	0.253B		0.313B		17.1		4.64	9.98		8.03B		2.31B	31
TOTAL	25.935	4.371	7.391	38.277	486.70	486.64	308.02	429.04	206.13	254.46	178.49	66.86	TOTAL
MEAN	0.837	0.156	0.238	1.28	14.4	16.2	9.94	13.8	6.87	8.21	5.95	2.16	MEAN
MAX	1.56	0.231	0.353	4.80	18.5	32.7	16.1	28.3	12.8	10.1	9.67	2.99	MAX
MIN	0.253	0.074	0.162	0.349	5.60	6.54	4.64	4.22	4.18	5.33	3.10	1.69	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.72
MAXIMUM DAILY, 32.7 ON JUN 7
MINIMUM DAILY, 0.074B ON FEB 4
MAXIMUM INSTANTANEOUS,
33.6 AT 20:00 CST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 33 40 N
LONG 103 56 30 W
DRAINAGE AREA, 1 860 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 240	JUL	26 600
FEB	378	AUG	37 100
MAR	639	SEP	17 800
APR	3 310	OCT	22 000
MAY	38 600	NOV	15 400
JUN	42 000	DEC	5 780

TOTAL DISCHARGE, 212 800 dam³

BARRIER RIVER BELOW BARRIER LAKE - STATION NO. 05LA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.009B	0.102B	3.86	1.97	0.001	0.024	0	0	0B	---	1
2	---	---	0.012B	0.104B	3.86	1.99	0.001	0.020	0	0	---	---	2
3	---	---	0.015B	0.106B	3.21	2.10	0.019	0.043	0	0	---	---	3
4	---	---	0.018B	0.108B	3.11	1.94	0.048	0.027	0	0	---	---	4
5	---	---	0.020B	0.112B	2.84	1.94	0.010	0.025	0	0	---	---	5
6	---	---	0.022B	0.115B	2.71	2.17	0.012	0.018	0	0	---	---	6
7	---	---	0.024B	0.117B	2.32	2.03	0.020	0.015	0	0	---	---	7
8	---	---	0.026B	0.120B	1.96	1.86	0.016	0.012	0	0	---	---	8
9	---	---	0.030B	0.130B	1.77	1.83	0.010	0.010	0	0	---	---	9
10	---	---	0.032B	0.140B	1.65	1.67	0.037	0.008	0	0	---	---	10
11	---	---	0.036B	0.160B	1.50	1.55	0.025	0.006	0	0	---	---	11
12	---	---	0.040B	0.230B	1.33	1.39	0.019	0.004	0	0	---	---	12
13	---	---	0.045B	0.340B	1.34	1.26	0.022	0.002	0	0	---	---	13
14	---	---	0.050B	0.480B	1.26	1.16	0.024	0.002	0	0	---	---	14
15	---	---	0.055B	0.990B	1.06	1.07	0.056	0.001	0	0	---	---	15
16	---	---	0.058B	1.36 B	1.14	0.986	0.029	0	0	0	---	---	16
17	---	---	0.062B	1.86 B	1.15	0.859	0.046	0	0	0	---	---	17
18	---	---	0.065B	2.50 B	1.11	0.776	0.038	0	0	0	---	---	18
19	---	---	0.068B	2.91 B	1.04	0.793	0.057	0	0	0	---	---	19
20	---	---	0.070B	3.56	1.01	0.640	0.052	0	0	0	---	---	20
21	---	---	0.072B	3.85	1.03	0.564	0.046	0	0	0B	---	---	21
22	---	---	0.075B	4.09	0.955	0.481	0.023	0	0	0B	---	---	22
23	---	---	0.078B	4.78	0.931	0.440	0.040	0	0	0B	---	---	23
24	---	---	0.080B	5.39	0.922	0.377	0.039	0.001	0	0B	---	---	24
25	---	---	0.082B	5.28	0.816	0.280	0.019	0.001	0	0B	---	---	25
26	---	---	0.084B	5.19	0.762	0.255	0.011	0.002	0	0B	---	---	26
27	---	---	0.087B	5.02	0.657	0.184	0.008	0.001	0	0B	---	---	27
28	---	---	0.092B	4.65	0.735	0.051	0.015	0.001	0	0B	---	---	28
29	---		0.097B	4.34	1.13	0.042	0.034	0	0	0B	---	---	29
30	---		0.098B	4.45	1.62	0.019	0.025	0	0	0B	---	---	30
31	---		0.100B		1.86		0.027	0		0B		---	31
TOTAL	---	---	1.782	62.584	50.248	32.597	0.827	0.223	0	0	---	---	TOTAL
MEAN	---	---	0.055	2.09	1.62	1.09	0.027	0.007	0	0	---	---	MEAN
MAX	---	---	0.100	5.39	3.86	2.17	0.057	0.043	0	0	---	---	MAX
MIN	---	---	0.009	0.102	0.657	0.019	0.001	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.605
MAXIMUM DAILY, 5.39 ON APR 24
MINIMUM DAILY, 0 ON AUG 16
MAXIMUM INSTANTANEOUS,
5.58 AT 17:30 CST ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 32 50 N
LONG 103 41 10 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	71.5
FEB	---	AUG	19.3
MAR	147	SEP	0
APR	5 610	OCT	0
MAY	4 340	NOV	---
JUN	2 820	DEC	---

TOTAL DISCHARGE, 12 800 dam³

BATTLE CREEK AT ALBERTA BOUNDARY - STATION NO. 11AB117

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.107B	0.165B	0.485	2.86	0.375	0.102	0.128	0.277	---	---	1
2	---	---	0.099B	0.168B	0.528	3.36	1.16	0.088	0.131	0.298	---	---	2
3	---	---	0.094B	0.165B	0.534	4.66	0.713	0.087	0.117	0.335	---	---	3
4	---	---	0.097B	0.176B	0.462	7.26	0.494	0.079	0.131	0.328	---	---	4
5	---	---	0.099B	0.170B	0.418	5.13	0.464	0.090	0.157	0.384	---	---	5
6	---	---	0.094B	0.198B	0.510	3.97	0.629	0.075	0.165	0.280	---	---	6
7	---	---	0.092B	0.211B	0.504	2.76	0.734	0.082	0.155	0.331	---	---	7
8	---	---	0.085B	0.222B	0.475	3.21	0.769	0.074	0.142	0.356	---	---	8
9	---	---	0.086B	0.255B	0.470	1.91	0.898	0.084	0.126	0.353	---	---	9
10	---	---	0.083B	0.273B	0.526	1.68	0.828	0.099	0.137	0.345	---	---	10
11	---	---	0.095B	0.332B	0.518	1.53	0.699	0.107	0.121	0.338	---	---	11
12	---	---	0.091B	0.570B	0.532	1.50	0.653	0.105	0.130	0.356	---	---	12
13	---	---	0.094B	0.456B	0.562	1.38	0.704	0.123	0.126	0.410	---	---	13
14	---	---	0.119B	0.485B	0.581	1.17	0.578	0.117	0.135	0.406	---	---	14
15	---	---	0.108B	0.399B	0.584	1.13	0.592	0.116	0.116	0.394	---	---	15
16	---	---	0.074B	0.325B	0.566	1.30	0.487	0.091	0.126	0.322	---	---	16
17	---	---	0.063B	0.354B	0.536	1.24	0.735	0.092	0.113	0.327	---	---	17
18	---	---	0.065B	0.327B	0.526	1.07	0.520	0.127	0.097	0.370	---	---	18
19	---	---	0.069B	0.391B	1.74	0.971	0.442	0.127	0.078	0.417	---	---	19
20	---	---	0.071B	0.432B	1.21	0.911	0.379	0.117	0.065	0.250	---	---	20
21	---	---	0.076B	0.412B	0.954	0.868	0.491	0.111	0.050	0.238	---	---	21
22	---	---	0.082B	0.863B	0.773	0.767	0.581	0.119	0.043	0.252	---	---	22
23	---	0.132B	0.086B	4.98 B	0.695	0.702	0.410	0.118	0.054	0.277	---	---	23
24	---	0.103B	0.088B	10.7	0.526	0.665	0.348	0.134	0.056	0.271	---	---	24
25	---	0.100B	0.095B	3.22	0.482	0.558	0.326	0.125	0.065	0.244	---	---	25
26	---	0.103B	0.106B	1.55	0.619	0.515	0.366	0.140	0.101	0.234	---	---	26
27	---	0.103B	0.135B	1.09	0.784	0.490	0.328	0.142	0.242	0.225A	---	---	27
28	---	0.103B	0.150B	1.00	1.45	0.478	0.283	0.142	0.295	0.224B	---	---	28
29	---		0.161B	0.966	1.33	0.439	0.254	0.140	0.267	0.222E	---	---	29
30	---		0.158B	0.649	1.75	0.405	0.195	0.132	0.270	0.220E	---	---	30
31	---		0.156B		1.67		0.122	0.130		0.217E		---	31
TOTAL	---	---	3.078	31.490	22.955	53.769	16.301	3.506	3.927	9.391	---	---	TOTAL
MEAN	---	---	0.099	1.05	0.740	1.79	0.526	0.113	0.131	0.303	---	---	MEAN
MAX	---	---	0.161	10.7	1.75	7.26	1.16	0.107	0.295	0.417	---	---	MAX
MIN	---	---	0.063	0.164	0.482	0.405	0.122	0.074	0.043	0.217	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.589
MAXIMUM DAILY, 10.7 ON APR 24
MINIMUM DAILY, 0.043 ON SEP 22
MAXIMUM INSTANTANEOUS,
23.0 AT 00:28 CST ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 110 00 15 W
DRAINAGE AREA, 111 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 410
FEB	---	AUG	303
MAR	366	SEP	339
APR	2 720	OCT	811
MAY	1 980	NOV	---
JUN	4 650	DEC	---

TOTAL DISCHARGE, 12 500 dam³

BATTLE CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.475B	0.432	2.90	1.44	0.111	0.109	0.302	0.481	---	1
2	---	---	0 B	0.294B	0.398	2.39	1.47	0.104	0.095	0.365	0.449A	---	2
3	---	---	0 B	0.220B	0.306	1.27	1.50	0.090	0.095	0.334	---	---	3
4	---	---	0 B	0.160B	0.330	0.997	1.39	0.078	0.090	0.398	---	---	4
5	---	---	0 B	0.090B	0.173	4.10	1.47	0.071	0.083	0.520	---	---	5
6	---	---	0 B	0.061B	0.211	4.89	1.44	0.263	0.093	0.503	---	---	6
7	---	---	0 B	0.040B	0.379	4.77	1.47	0.306	0.111	0.492	---	---	7
8	---	---	0 B	0.030B	0.544	4.40	1.48	0.282	0.102	0.470	---	---	8
9	---	---	0 B	0.030B	0.550	3.89	1.27	0.253	0.091	0.464	---	---	9
10	---	---	0 B	0.045B	0.993	3.67	1.08	0.240	0.091	0.497	---	---	10
11	---	---	0 B	0.253B	0.676	3.10	1.01	0.217	0.078	0.503	---	---	11
12	---	---	0.003B	1.38 B	0.384	2.58	0.993	0.202	0.060	0.459	---	---	12
13	---	---	0.008B	16.3 B	0.486	2.73	1.02	0.168	0.055	0.438	---	---	13
14	---	---	0.100B	22.5	0.582	1.97	0.958	0.163	0.058	0.438	---	---	14
15	---	---	0.119B	13.3	0.526	1.30	1.02	0.163	0.056	0.475	---	---	15
16	---	---	0.064B	8.96	0.497	1.43	1.16	0.146	0.047	0.464	---	---	16
17	---	---	0.020B	7.04	0.486	1.26	1.13	0.143	0.053	0.464	---	---	17
18	---	---	0.010B	5.40	0.509	1.27	1.05	0.180	0.053	0.470	---	---	18
19	---	---	0.014B	2.60	0.509	1.11	1.05	0.197	0.054	0.475	---	---	19
20	---	---	0.019B	2.29	0.492	1.47	0.966	0.202	0.043	0.488	---	---	20
21	---	---	0.011B	2.00	0.733	1.67	0.865	0.191	0.044	0.515	---	---	21
22	---	---	0.008B	2.28	0.923	1.67	0.857	0.173	0.048	0.503	---	---	22
23	---	---	0.007B	2.97	1.10	2.01	0.817	0.173	0.044	0.481	---	---	23
24	---	---	0.006B	3.49	1.53	2.36	0.563	0.163	0.041	0.475	---	---	24
25	---	---	0.005B	2.34	1.09	1.76	0.393	0.136	0.041	0.712	---	---	25
26	---	---	0.007B	1.68	0.833	1.63	0.290	0.153	0.083	0.635	---	---	26
27	---	---	0.010B	1.44	0.809	1.65	0.236	0.155	0.205	0.532	---	---	27
28	---	---	0.198B	1.20	0.861	1.70	0.199	0.141	0.260	0.492	---	---	28
29	---		0.600B	0.741	1.15	1.65	0.178	0.141	0.236	0.481	---	---	29
30	---		0.800B	0.550	3.50	1.52	0.144	0.128	0.279	0.515	---	---	30
31	---		0.800B		8.26		0.125	0.117		0.509		---	31
TOTAL	---	---	2.811	180.159	30.132	68.917	29.028	5.250	2.788	14.867	---	---	TOTAL
MEAN	---	---	0.091	3.34	0.972	2.30	0.936	0.169	0.093	0.480	---	---	MEAN
MAX	---	---	0.980	22.5	8.26	4.89	1.50	0.306	0.279	0.712	---	---	MAX
MIN	---	---	0	0.030	0.173	0.997	0.125	0.071	0.041	0.302	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.04
MAXIMUM DAILY, 22.5 ON APR 14
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
52.6 AT 23:00 CST ON APR 13

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 10 N
LONG 109 25 20 W
DRAINAGE AREA, 2 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 510
FEB	---	AUG	454
MAR	243	SEP	241
APR	8 650	OCT	1 280
MAY	2 600	NOV	---
JUN	5 950	DEC	---

TOTAL DISCHARGE, 21 900 dam³

BATTLE CREEK BELOW MASHLYN PROJECT - STATION NO. 11AB101

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.283	1.77	1.34	0.149	0.142	0.272	---	---	1
2	---	---	---	---	0.195	0.900	1.38	0.138	0.144	0.298	---	---	2
3	---	---	---	---	0.117	0.550	1.35	0.288	0.151	0.399	---	---	3
4	---	---	---	---	0.212	3.63	1.39	0.360	0.163	0.390	---	---	4
5	---	---	---	---	0.194	4.99	1.30	0.351	0.154	0.389	---	---	5
6	---	---	---	---	0.191	5.05	1.39	0.330	0.148	0.372	---	---	6
7	---	---	---	---	0.333	4.66	1.33	0.294	0.145	0.370	---	---	7
8	---	---	---	---	0.396	3.87	1.16	0.250	0.112	0.383	---	---	8
9	---	---	---	---	0.318	3.87	1.04	0.210	0.108	0.420	---	---	9
10	---	---	---	---	0.253	2.81	1.01	0.190	0.106	0.402	---	---	10
11	---	---	---	---	0.307	2.23	1.03	0.185	0.095	0.375	---	---	11
12	---	---	---	---	0.617	2.30	1.07	0.201	0.089	0.384	---	---	12
13	---	---	---	---	0.475	1.71	1.06	0.178	0.092	0.379	---	---	13
14	---	---	---	---	0.429	1.02	1.14	0.184	0.094	0.405	---	---	14
15	---	---	---	---	0.432	1.16	1.16	0.204	0.094	0.398	---	---	15
16	---	---	---	---	0.416	1.08	1.15	0.223	0.085	0.400	---	---	16
17	---	---	---	---	0.458	1.12	1.15	0.231	0.090	0.395	---	---	17
18	---	---	---	---	0.360	0.970	1.17	0.224	0.091	0.418	---	---	18
19	---	---	---	---	0.505	1.30	1.06	0.206	0.083	0.451	---	---	19
20	---	---	---	1.00 B	0.788	1.47	0.972	0.186	0.088	0.450	---	---	20
21	---	---	---	0.944B	0.941	1.48	0.885	0.168	0.083	0.440	---	---	21
22	---	---	---	1.84	1.16	1.78	0.819	0.156	0.100	0.428	---	---	22
23	---	---	---	2.79	1.62	2.05	0.456	0.153	0.140	0.467	---	---	23
24	---	---	---	1.92	1.13	1.61	0.324	0.138	0.136	0.698	---	---	24
25	---	---	---	1.53	0.864	1.50	0.275	0.128	0.156	0.544	---	---	25
26	---	---	---	1.38	0.735	1.54	0.235	0.163	0.184	0.468	---	---	26
27	---	---	---	0.984	0.675	1.59	0.210	0.153	0.156	0.456A	---	---	27
28	---	---	---	0.638	0.683	1.47	0.195	0.159	0.226	0.452E	---	---	28
29	---		---	0.424	0.815	1.40	0.180	0.150	0.246	0.450E	---	---	29
30	---		---	0.282	0.959	1.33	0.172	0.144	0.273	0.447E	---	---	30
31	---		---		1.44		0.161	0.147		0.445E		---	31
TOTAL	---	---	---	---	18.057	61.790	27.664	6.239	3.934	13.025	---	---	TOTAL
MEAN	---	---	---	---	0.582	2.06	0.892	0.201	0.131	0.420	---	---	MEAN
MAX	---	---	---	---	1.62	5.05	1.39	0.360	0.273	0.698	---	---	MAX
MIN	---	---	---	---	0.117	0.550	0.161	0.128	0.083	0.272	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.710
MAXIMUM DAILY, 5.05 ON JUN 6

MAXIMUM INSTANTANEOUS,
5.44 AT 16:57 CST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 52 N
LONG 109 27 52 W
DRAINAGE AREA, 2 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 390
FEB	---	AUG	539
MAR	---	SEP	340
APR	---	OCT	1 130
MAY	1 560	NOV	---
JUN	5 340	DEC	---

TOTAL DISCHARGE, 11 300 dam³

BATTLE CREEK BELOW WILSON'S WEIR - STATION NO. 11AB118

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.064B	0.143B	0.843	0.919	1.03	0.308	0.200	0.463	---	---	1
2	---	---	0.070B	0.193B	0.620	3.35	1.01	0.320	0.188	0.473	---	---	2
3	---	---	0.082B	0.159B	0.623	4.13	0.970	0.290	0.181	0.464	---	---	3
4	---	---	0.091B	0.145B	0.592	4.63	1.27	0.222	0.175	0.459	---	---	4
5	---	---	0.108B	0.148B	0.463	4.91	1.04	0.213	0.172	0.481	---	---	5
6	---	---	0.131B	0.153B	0.383	4.41	0.966	0.202	0.170	0.498	---	---	6
7	---	---	0.131B	0.181B	0.653	3.84	0.942	0.187	0.166	0.478	---	---	7
8	---	---	0.119B	0.145B	0.689	3.19	1.01	0.203	0.168	0.449	---	---	8
9	---	---	0.111B	0.098B	0.689	2.48	1.01	0.205	0.164	0.437	---	---	9
10	---	---	0.086B	0.111B	0.755	3.03	1.08	0.225	0.156	0.462	---	---	10
11	---	---	0.095B	0.106B	0.737	3.25	1.18	0.261	0.148	0.464	---	---	11
12	---	---	0.089B	0.087B	0.743	2.80	1.27	0.301	0.146	0.465	---	---	12
13	---	---	0.085B	0.073B	0.751	2.78	1.23	0.292	0.158	0.465	---	---	13
14	---	---	0.093B	0.076B	0.744	2.27	1.18	0.285	0.166	0.465	---	---	14
15	---	---	0.110B	0.038B	0.738	2.03	1.14	0.264	0.185	0.472	---	---	15
16	---	---	0.150B	0.044B	0.739	2.17	1.07	0.241	0.203	0.503	---	---	16
17	---	---	0.250B	0.029B	0.715	2.41	1.01	0.230	0.216	0.510	---	---	17
18	---	---	0.169B	0.029B	0.539	2.30	1.02	0.211	0.224	0.511	---	---	18
19	---	---	0.119B	0.026B	0.632	1.97	0.740	0.191	0.226	0.488	---	---	19
20	---	---	0.112B	0.034B	1.26	2.03	0.065	0.176	0.235	0.489	---	---	20
21	---	---	0.121B	0.046B	1.38	1.80	0.033	0.178	0.226	0.732	---	---	21
22	---	0.063B	0.102B	0.054B	0.873	1.44	0.039	0.170	0.221	0.582	---	---	22
23	---	0.076B	0.136B	0.065B	0.730	1.32	0.184	0.172	0.215	0.506	---	---	23
24	---	0.076B	0.137B	0.087B	0.627	1.21	0.126	0.178	0.222	0.504	---	---	24
25	---	0.075B	0.080B	0.148	0.574	1.17	0.076	0.177	0.206	0.524	---	---	25
26	---	0.070B	0.099B	0.065	0.532	1.12	0.031	0.188	0.209	0.540	---	---	26
27	---	0.070B	0.085B	0.066	0.654	1.07	0.023	0.202	0.276	0.531	---	---	27
28	---	0.066B	0.007B	0.067	0.732	1.06	0.088	0.222	0.317	0.510A	---	---	28
29	---		0.082B	0.047	1.37	1.07	0.342	0.227	0.375	0.507E	---	---	29
30	---		0.108B	0.054	0.834	1.07	0.333	0.228	0.477	0.504E	---	---	30
31	---		0.147B		0.052		0.321	0.219		0.501E		---	31
TOTAL	---	---	3.377	2.717	22.266	71.229	21.829	6.988	6.391	15.433	---	---	TOTAL
MEAN	---	---	0.109	0.091	0.718	2.37	0.704	0.225	0.213	0.498	---	---	MEAN
MAX	---	---	0.250	0.193	1.38	4.91	1.27	0.320	0.477	0.732	---	---	MAX
MIN	---	---	0.007	0.026	0.052	0.919	0.023	0.170	0.146	0.437	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.613
MAXIMUM DAILY, 4.91 ON JUN 5
MINIMUM DAILY, 0.007B ON MAR 28
MAXIMUM INSTANTANEOUS,
5.36 AT 11:29 CST ON JUN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 01 N
LONG 109 38 39 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 890
FEB	---	AUG	604
MAR	292	SEP	552
APR	235	OCT	1 330
MAY	1 920	NOV	---
JUN	6 150	DEC	---

TOTAL DISCHARGE, 13 000 dam³

BATTLE CREEK NEAR CONSUL - STATION NO. 11AB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.511	0.780	1.65	0.457	0.200	0.486	---	---	1
2	---	---	---	---	0.925	0.633	1.63	0.488	0.196	0.647	---	---	2
3	---	---	---	---	1.14	3.89	1.72	0.467	0.182	0.621	---	---	3
4	---	---	---	---	0.938	5.23	1.56	0.434	0.196	0.594	---	---	4
5	---	---	---	---	0.896	5.55	1.71	0.376	0.166	0.573	---	---	5
6	---	---	---	---	0.771	5.14	1.60e	0.298	0.157	0.560	---	---	6
7	---	---	---	---	0.803	4.46	1.37	0.245	0.155	0.605	---	---	7
8	---	---	---	---	0.824	4.02	1.28	0.217	0.142	0.614	---	---	8
9	---	---	---	---	0.957	3.45	1.24	0.205	0.140	0.555	---	---	9
10	---	---	---	---	0.986	2.75	1.28	0.196	0.142	0.504	---	---	10
11	---	---	---	---	1.10	2.76	1.24	0.211	0.146	0.496	---	---	11
12	---	---	---	---	1.14	2.11	1.26	0.203	0.138	0.534	---	---	12
13	---	---	---	---	1.04	1.20	1.33	0.272	0.140	0.541	---	---	13
14	---	---	---	---	0.951	1.43	1.31	0.282	0.134	0.556	---	---	14
15	---	---	---	---	0.910	1.25	1.23	0.281	0.132	0.544	---	---	15
16	---	---	---	---	0.862	1.41	1.21	0.271	0.134	0.533	---	---	16
17	---	---	---	---	0.830	1.19	1.28	0.249	0.140	0.553	---	---	17
18	---	---	---	---	0.903	1.53	1.08	0.223	0.105	0.609	---	---	18
19	---	---	---	---	1.05	1.76	1.01	0.199	0.147	0.597	---	---	19
20	---	---	---	1.10 B	0.836	1.78	1.04	0.177	0.187	0.572	---	---	20
21	---	---	---	1.05 E	1.01	2.20	0.623	0.158	0.209	0.543	---	---	21
22	---	---	---	1.15 E	1.75	2.58	0.312	0.149	0.228	0.658	---	---	22
23	---	---	---	1.30 E	1.34	1.96	0.238	0.146	0.232	0.819	---	---	23
24	---	---	---	1.10 E	0.938	1.84	0.187	0.144	0.217	0.631	---	---	24
25	---	---	---	1.00 E	0.792	1.87	0.173	0.136	0.190	0.572	---	---	25
26	---	---	---	0.850E	0.697	1.92	0.162	0.163	0.191	0.565	---	---	26
27	---	---	---	0.830E	0.699	1.76	0.159	0.163	0.288	0.606	---	---	27
28	---	---	---	0.826	0.767	1.64	0.154	0.178	0.325	0.593A	---	---	28
29	---		---	0.751	0.889	1.61	0.141	0.174	0.412	0.592E	---	---	29
30	---		---	0.644	1.35	1.63	0.150	0.174	0.360	0.591E	---	---	30
31	---		---		1.84		0.221	0.198		0.590E		---	31
TOTAL	---	---	---	---	29.835	71.133	29.470	7.574	5.729	18.054	---	---	TOTAL
MEAN	---	---	---	---	0.962	2.37	0.951	0.244	0.191	0.582	---	---	MEAN
MAX	---	---	---	---	1.84	5.55	1.72	0.488	0.412	0.819	---	---	MAX
MIN	---	---	---	---	0.511	0.633	0.141	0.136	0.105	0.486	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.879
MAXIMUM DAILY, 5.55 ON JUN 5

MAXIMUM INSTANTANEOUS,
5.96 AT 23:22 CST ON JUN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 12 N
LONG 109 31 22 W
DRAINAGE AREA, 1 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 550
FEB	---	AUG	654
MAR	---	SEP	495
APR	---	OCT	1 560
MAY	2 580	NOV	---
JUN	6 150	DEC	---

TOTAL DISCHARGE, 14 000 dam³

BATTLE RIVER AT BATTLEFORD - STATION NO. 05FF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.54B	1.80B	19.4	37.1	9.85	30.0E	14.5	8.02	7.01A	---	1
2	---	---	1.56B	1.74B	19.5	34.2	9.75	31.2E	14.1	7.85	---	---	2
3	---	---	1.55B	1.71B	23.6	31.5	8.15	33.2E	13.7	7.79	---	---	3
4	---	---	1.52B	1.71B	27.7	29.1	8.67	33.6E	13.2	7.94	---	---	4
5	---	---	1.56B	1.69B	30.4	26.9	8.30	34.4E	12.9	8.22	---	---	5
6	---	---	1.48B	1.63B	32.5	25.2	7.75	36.0E	12.4	8.00	---	---	6
7	---	---	1.53B	1.76B	34.3	23.5	8.54	39.0E	12.1	7.80	---	---	7
8	---	---	1.56B	1.70B	37.5	21.8	10.2	43.0E	11.8	7.94	---	---	8
9	---	---	1.57B	1.58B	41.3	20.4	10.5	38.0E	11.5	7.86	---	---	9
10	---	---	1.60B	1.67B	45.6	19.4	11.0	35.0E	11.3	7.52	---	---	10
11	---	---	1.63B	1.68B	50.1	18.6	9.84	32.5E	10.8	7.61	---	---	11
12	---	---	1.53B	1.80B	52.7	18.0	21.7	31.0E	10.3	7.55	---	---	12
13	---	---	1.52B	2.01B	53.7	18.8	26.6	29.2E	9.85	7.44	---	---	13
14	---	---	1.42B	2.33B	55.2	19.2	30.1	28.0E	9.71	7.55	---	---	14
15	---	---	1.39B	2.12B	56.2	18.7	29.0	27.0E	9.50	7.63	---	---	15
16	---	---	1.30B	1.87B	56.2	17.6	27.1	25.2A	9.42	7.47	---	---	16
17	---	---	1.33B	1.90B	56.1	16.4	25.8	24.5	9.27	7.34	---	---	17
18	---	---	1.39B	2.15B	55.6	15.4	24.7	23.5	9.00	7.14	---	---	18
19	---	---	1.37B	1.99B	55.8	14.3	24.2	22.6	8.93	7.12	---	---	19
20	---	---	1.43B	2.34B	55.8	13.7	23.7	21.6	8.73	7.26	---	---	20
21	---	---	1.52B	2.66B	55.8	13.6	23.7	20.9	8.58	7.21	---	---	21
22	---	---	1.62B	3.60B	55.8	13.6	24.2	20.5	8.49	7.12	---	---	22
23	---	---	1.60B	10.1 B	54.8	13.8	24.2	19.9	8.39	7.16	---	---	23
24	---	---	1.61B	30.6	53.6	13.6	24.6	19.0	8.22	7.46	---	---	24
25	---	---	1.66B	31.2	52.5	12.5	25.7	17.8	8.07	7.40	---	---	25
26	---	---	1.64B	29.4	50.2	11.6	27.9	17.1	7.79	7.24	---	---	26
27	---	---	1.59B	32.0	48.3	11.0	28.3	16.2	7.64	7.14	---	---	27
28	---	---	1.59B	33.7	46.6	10.6	28.4	15.9	7.57	7.03	---	---	28
29	---		1.52B	27.2	45.1	10.1	28.5	15.5	8.07	7.09	---	---	29
30	---		1.56B	21.7	43.1	9.70	28.9	15.2	8.16	7.20	---	---	30
31	---		1.67B		39.6		28.6 A	14.8		7.18		---	31
TOTAL	---	---	47.36	249.30	1 404.6	559.90	628.05	811.3	303.99	232.38	---	---	TOTAL
MEAN	---	---	1.53	8.31	45.3	18.7	20.3	26.2	10.1	7.49	---	---	MEAN
MAX	---	---	1.67	33.7	56.2	37.1	30.1	43.0	14.5	8.22	---	---	MAX
MIN	---	---	1.30	1.58	19.4	9.70	7.75	14.8	7.57	7.03	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.3
MAXIMUM DAILY, 56.2 ON MAY 15
MINIMUM DAILY, 1.30B ON MAR 16
MAXIMUM INSTANTANEOUS,
56.5 AT 13:30 CST ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 44 07 N
LONG 108 20 09 W
DRAINAGE AREA, 30 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	59 300
FEB	---	AUG	70 100
MAR	4 090	SEP	26 300
APR	21 500	OCT	20 100
MAY	121 000	NOV	---
JUN	48 400	DEC	---

TOTAL DISCHARGE, 366 000 dam³

BEAR CREEK NEAR PIAPOT - STATION NO. 05HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.108B	0.445B	0.437	2.53	0.205	0.047	0.016	0.051	---	---	1
2	---	---	0.083B	0.353B	0.407	4.33	0.300	0.041	0.035	0.164	---	---	2
3	---	---	0.087B	0.221B	0.374	6.78	1.89	0.039	0.058	0.170	---	---	3
4	---	---	0.203B	0.225B	0.368	7.28	0.826	0.031	0.080	0.262	---	---	4
5	---	---	0.416B	0.186B	0.348	3.28	0.468	0.028	0.090	0.253	---	---	5
6	---	---	0.127B	0.264B	0.349	1.59	0.436	0.023	0.091	0.213	---	---	6
7	---	---	0.053B	0.212B	0.355	1.10	0.395	0.017	0.084	0.205	---	---	7
8	---	---	0.069B	0.194B	0.347	0.789	0.328	0.015	0.072	0.196	---	---	8
9	---	---	0.266B	0.244B	0.338	0.607	0.302	0.011	0.064	0.167	---	---	9
10	---	---	0.292B	0.271B	0.382	0.494	0.264	0.010	0.059	0.130	---	---	10
11	---	0.029B	0.272B	2.19 B	0.392	0.412	0.219	0.009	0.052	0.159	---	---	11
12	---	0.040B	0.779B	4.95 B	0.392	0.602	0.188	0.010	0.043	0.198	---	---	12
13	---	0.081B	0.820B	7.29	0.350	0.446	0.168	0.009	0.033	0.188	---	---	13
14	---	0.043B	0.472B	8.93	0.326	0.341	0.154	0.009	0.027	0.175	---	---	14
15	---	0.036B	0.569B	4.63	0.302	0.299	0.136	0.007	0.022	0.145	---	---	15
16	---	0.050B	0.330B	3.12	0.280	0.257	0.148	0.005	0.019	0.117	---	---	16
17	---	0.134B	0.299B	2.48	0.268	0.286	0.332	0.005	0.014	0.126	---	---	17
18	---	0.495B	0.272B	2.27	0.254	0.292	0.322	0.006	0.011	0.219	---	---	18
19	---	0.215B	0.294B	1.20	0.324	0.294	0.237	0.005	0.007	0.267	---	---	19
20	---	0.208B	0.217B	0.854	0.496	0.262	0.171	0.005	0.004	0.266	---	---	20
21	---	0.305B	0.207B	0.832	0.479	0.228	0.146	0.004	0.002	0.177	---	---	21
22	---	0.275B	0.215B	1.23	0.385	0.203	0.134	0.004	0.002	0.199	---	---	22
23	---	0.221B	0.232B	2.42	0.560	0.188	0.106	0.003	0.001	0.265	---	---	23
24	---	0.156B	0.207B	2.24	0.804	0.188	0.089	0.003	0	0.235	---	---	24
25	---	0.106B	0.169B	1.29	0.502	0.181	0.077	0.004	0	0.200A	---	---	25
26	---	0.099B	0.168B	0.787	0.375	0.167	0.073	0.004	0	0.200E	---	---	26
27	---	0.120B	0.222B	0.601	0.624	0.162	0.082	0.006	0	0.200E	---	---	27
28	---	0.100B	0.294B	0.511	1.32	0.170	0.083	0.006	0.001	0.200E	---	---	28
29	---		0.411B	0.505	1.76	0.196	0.064	0.005	0.002	0.200E	---	---	29
30	---		2.45 B	0.507	1.50	0.211	0.063	0.004	0.003	0.200E	---	---	30
31	---		0.812B		1.57		0.073	0.008		0.200E		---	31
TOTAL	---	---	11.417	51.452	16.968	34.125	8.479	0.383	0.892	5.947	---	---	TOTAL
MEAN	---	---	0.368	1.72	0.547	1.14	0.274	0.012	0.030	0.192	---	---	MEAN
MAX	---	---	2.45	8.93	1.76	7.28	1.89	0.047	0.091	0.267	---	---	MAX
MIN	---	---	0.053	0.186	0.254	0.162	0.063	0.003	0	0.051	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.529
MAXIMUM DAILY, 8.93 ON APR 14
MINIMUM DAILY, 0 ON SEP 24
MAXIMUM INSTANTANEOUS,
12.0 AT 12:30 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 55 N
LONG 109 06 20 W
DRAINAGE AREA, 253 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	733
FEB	---	AUG	33.1
MAR	986	SEP	77.1
APR	4 450	OCT	514
MAY	1 470	NOV	---
JUN	2 950	DEC	---

TOTAL DISCHARGE, 11 200 dam³

BEAVER CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.026B	0.004B	0.025B	0.022B	0.569	0.423	0.050	0.109	0.033	0.042	0.047	---	1
2	0.023B	0.003B	0.025B	0.022B	0.449	0.302	0.050	0.086	0.032	0.043	0.048	---	2
3	0.021B	0.003B	0.025B	0.021B	0.426	0.231	0.044	0.067	0.032	0.040	0.047	---	3
4	0.019B	0.003B	0.025B	0.021B	0.417	0.190	0.042	0.055	0.033	0.041	0.046	---	4
5	0.018B	0.003B	0.025B	0.021B	0.418	0.170	0.041	0.051	0.033	0.042	0.045	---	5
6	0.016B	0.002B	0.025B	0.021B	0.364	0.146	0.040	0.045	0.032	0.041	0.045	---	6
7	0.015B	0.002B	0.025B	0.021B	0.281	0.130	0.039	0.042	0.031	0.040	0.044	---	7
8	0.014B	0.002B	0.025B	0.021B	0.252	0.118	0.041	0.041	0.030	0.043	0.043	---	8
9	0.013B	0.002B	0.025B	0.025B	0.240	0.110	0.046	0.040	0.031	0.043	0.043	---	9
10	0.013B	0.002B	0.025B	0.200B	0.257	0.103	0.042	0.040	0.031	0.040	0.041	---	10
11	0.012B	0.002B	0.025B	0.750B	0.278	0.101	0.041	0.039	0.032	0.041	0.040B	---	11
12	0.012B	0.002B	0.025B	2.06 B	0.300	0.092	0.043	0.038	0.032	0.040	0.040B	---	12
13	0.011B	0.002B	0.025B	21.1 B	0.261	0.085	0.042	0.036	0.033	0.040	0.038B	---	13
14	0.011B	0.002B	0.025B	36.1 B	0.228	0.079	0.039	0.035	0.033	0.041	0.037B	---	14
15	0.011B	0.002B	0.025B	34.8	0.216	0.076	0.038	0.036	0.032	0.038	0.037B	---	15
16	0.010B	0.002B	0.024B	17.5	0.218	0.071	0.481	0.038	0.034	0.040	0.038B	---	16
17	0.010B	0.002B	0.024B	17.5	0.216	0.064	0.481	0.040	0.036	0.040	0.038B	---	17
18	0.010B	0.003B	0.023B	17.0	0.245	0.062	0.432	0.039	0.035	0.044	0.037B	---	18
19	0.009B	0.008B	0.023B	8.23	0.247	0.061	0.289	0.037	0.034	0.046	0.038B	---	19
20	0.009B	0.014B	0.023B	3.73	0.243	0.059	0.202	0.038	0.035	0.045	0.038B	---	20
21	0.008B	0.020B	0.022B	2.96	0.239	0.053	0.146	0.037	0.032	0.046	0.038B	---	21
22	0.008B	0.021B	0.022B	4.02	0.257	0.052	0.158	0.036	0.033	0.047	0.039B	---	22
23	0.008B	0.022B	0.021B	8.71	0.239	0.052	0.102	0.036	0.036	0.048	0.038B	---	23
24	0.007B	0.023B	0.021B	6.99	0.213	0.052	0.098	0.035	0.037	0.049	0.042B	---	24
25	0.007B	0.023B	0.021B	3.52	0.193	0.050	0.085	0.035	0.038	0.048	0.044B	---	25
26	0.006B	0.024B	0.021B	1.79	0.174	0.045	0.094	0.036	0.039	0.049	0.043B	---	26
27	0.006B	0.025B	0.021B	1.31	0.148	0.052	0.142	0.037	0.042	0.048	0.047B	---	27
28	0.005B	0.025B	0.022B	1.02	0.576	0.077	0.078	0.036	0.048	0.049	0.049B	---	28
29	0.005B		0.023B	0.993	2.82	0.060	0.081	0.034	0.044	0.046	0.049B	---	29
30	0.004B		0.023B	0.840	1.72	0.053	0.079	0.034	0.041	0.047	0.051B	---	30
31	0.004B		0.023B		0.753		0.084	0.033		0.046		---	31
TOTAL	0.351	0.248	0.732	191.318	13.457	3.219	3.670	1.341	1.044	1.353	1.270	---	TOTAL
MEAN	0.011	0.009	0.024	6.38	0.434	0.107	0.118	0.043	0.035	0.044	0.042	---	MEAN
MAX	0.026	0.025	0.025	36.1	2.82	0.423	0.481	0.109	0.048	0.049	0.051	---	MAX
MIN	0.004	0.002	0.021	0.021	0.148	0.045	0.038	0.033	0.030	0.038	0.037	---	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 36.1B ON APR 14
MINIMUM DAILY, 0.002B ON FEB 6
MAXIMUM INSTANTANEOUS,
47.6 AT 23:42 CST ON APR 14

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 105 02 08 W
DRAINAGE AREA, 385 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	30.3	JUL	317
FEB	21.4	AUG	116
MAR	63.2	SEP	90.2
APR	16 500	OCT	117
MAY	1 160	NOV	110
JUN	378	DEC	---

BEAVER RIVER BELOW WATERHEN RIVER - STATION NO. 06AG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.68B	4.19B	3.21B	3.26B	90.8	54.1	28.1	32.3	31.3	28.3	28.9	22.1B	1
2	5.95B	4.19B	3.33B	3.29B	88.9	53.2	30.2	31.8	31.3	28.1	28.2	23.2B	2
3	5.34B	4.24B	3.23B	3.44B	89.4	53.2	33.4	37.3	31.1	29.8	28.9	21.5B	3
4	5.10B	4.14B	3.32B	4.12B	91.2	51.9	34.8	42.6	30.8	34.0	21.2	21.2B	4
5	5.04B	3.99B	3.37B	4.73B	93.0	50.6	37.7	45.2	30.2	36.0	30.1	20.5B	5
6	4.77B	4.09B	3.43B	5.26B	90.2	50.3	39.5	45.7	30.0	36.4	32.0	20.2B	6
7	4.38B	3.97B	3.25B	5.53B	87.3	49.5	41.4	45.0	29.9	36.4	28.1	22.1B	7
8	4.32B	4.04B	3.04B	5.55B	86.0	49.1	44.4	43.2	29.8	35.7	27.3	21.7B	8
9	4.26B	4.19B	3.15B	5.98B	85.6	48.9	44.8	41.2	29.4	35.2	28.4	19.5B	9
10	4.15B	4.22B	3.51B	6.02B	84.5	47.5	43.1	39.1	29.5	34.8	26.4	19.2B	10
11	4.11B	4.18B	3.16B	6.04B	83.1	45.6	40.1	39.3	29.5	34.2	32.2B	19.0B	11
12	4.18B	4.15B	3.13B	6.16B	82.6	44.7	36.2	39.0	29.5	33.6	26.1B	18.9B	12
13	4.43B	4.11B	3.43B	6.57B	81.1	43.9	35.2	37.8	28.9	32.8	25.3B	19.5B	13
14	4.61B	3.80B	3.09B	8.43B	78.6	42.5	35.8	37.3	28.2	32.6	25.1B	19.0B	14
15	4.65B	3.73B	3.22B	10.6 B	77.0	41.3	36.8	36.7	28.1	31.9	25.0B	19.0B	15
16	4.58B	3.96B	3.27B	13.6 B	76.7	40.3	36.6	35.9	28.3	31.0	23.9B	18.8B	16
17	4.57B	3.72B	3.60B	17.5 B	73.8	39.7	36.5	35.3	28.3	31.0	22.7B	18.5B	17
18	4.42B	3.71B	3.78B	19.2 B	72.1	39.5	35.0	34.8	28.0	31.2	24.0B	18.1B	18
19	4.52B	3.68B	3.46B	20.8 B	70.6	38.4	34.2	34.0	27.5	31.4	24.6B	17.7B	19
20	4.54B	3.74B	3.50B	22.0 B	69.5	36.5	34.0	33.2	27.4	31.4	24.6B	17.9B	20
21	4.50B	3.65B	4.08B	23.6 B	67.6	34.9	33.2	32.3	27.4	31.4	19.5B	18.1B	21
22	4.39B	3.61B	4.19B	30.3 B	65.4	34.3	33.5	32.5	27.2	31.3	19.9B	17.3B	22
23	4.36B	3.51B	4.09B	45.7 B	63.6	35.4	34.2	32.7	27.1	31.0	22.5B	15.8B	23
24	4.33B	3.34B	3.99B	62.2 B	61.8	36.7	34.4	32.6	27.2	30.9	23.0B	15.3B	24
25	4.32B	3.14B	3.84B	77.0 B	60.1	36.4	34.6	32.6	27.8	30.9	23.3B	15.3B	25
26	4.21B	3.29B	3.71B	78.2 B	58.2	35.5	34.4	32.3	28.2	30.7	22.8B	15.5B	26
27	4.28B	3.41B	3.31B	81.4 B	56.1	34.7	34.3	31.6	27.8	30.5	22.5B	15.5B	27
28	4.10B	3.29B	3.52B	87.4 B	54.6	33.0	34.9	31.1	27.4	30.4	22.1B	15.4B	28
29	4.24B		3.63B	101 B	53.6	31.0	34.7	31.1	28.2	30.0	21.7B	15.3B	29
30	4.22B		3.39B	99.6	53.3	28.9	33.7	31.1	28.2	29.4	21.5B	15.0B	30
31	4.20B		3.34B		53.9		33.4	31.1		29.1		14.9B	31
TOTAL	141.75	107.28	107.57	864.48	2 300.2	1 261.5	1 113.1	1 117.7	863.5	991.4	751.8	570.0	TOTAL
MEAN	4.57	3.83	3.47	28.8	74.2	42.1	35.9	36.1	28.8	32.0	25.1	18.4	MEAN
MAX	6.68	4.24	4.19	101	93.0	54.1	44.8	45.7	31.3	36.4	32.2	22.2	MAX
MIN	4.10	3.14	3.04	3.26	53.3	28.9	28.1	31.1	27.1	28.1	19.5	14.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.9
MAXIMUM DAILY, 101B ON APR 29
MINIMUM DAILY, 3.04B ON MAR 8
MAXIMUM INSTANTANEOUS,
107B AT 22:08 CST ON APR 28

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 49 00 N
LONG 107 49 00 W
DRAINAGE AREA, 45 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 200	JUL	96 200
FEB	9 270	AUG	96 600
MAR	9 290	SEP	74 600
APR	74 700	OCT	85 700
MAY	199 000	NOV	65 000
JUN	109 000	DEC	49 200

TOTAL DISCHARGE, 881 000 dam³

BEAVER RIVER NEAR DORINTOSH - STATION NO. 06AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.76B	1.61B	1.87B	1.89B	69.5	26.7	9.02	13.0	6.57	5.10	5.12	2.29B	1
2	1.91B	1.72B	1.89B	2.05B	68.7	26.6	8.94	13.9	6.69	5.14	4.31	2.29B	2
3	2.03B	1.77B	1.90B	1.85B	63.9	25.8	9.92	16.8	6.96	5.72	3.67	2.30B	3
4	2.18B	1.76B	1.87B	1.80B	58.8	25.2	11.1	17.4	7.31	6.39	3.35	2.28B	4
5	2.27B	1.66B	1.79B	1.82B	52.9	24.6	13.7	17.8	7.38	6.17	3.08	2.33B	5
6	2.33B	1.61B	1.76B	1.88B	48.8	24.3	14.9	18.5	7.18	6.05	3.67	2.33B	6
7	2.31B	1.66B	1.76B	1.85B	46.6	23.0	13.3	17.8	6.87	6.00	3.64	2.32B	7
8	2.36B	1.77B	1.79B	1.82B	44.6	22.0	12.6	17.0	6.72	5.80	3.63	2.34B	8
9	2.41B	1.64B	1.82B	1.78B	43.0	20.5	12.3	16.2	6.61	5.62	3.43	2.34B	9
10	2.40B	1.50B	1.79B	1.82B	41.3	19.8	12.3	15.5	6.20	5.43	3.29	2.42B	10
11	2.25B	1.56B	1.83B	1.80B	39.4	19.8	12.9	14.8	5.68	5.26	3.08	2.45B	11
12	2.12B	1.63B	1.87B	1.85B	37.9	20.0	13.5	14.2	5.32	5.14	2.81	2.35B	12
13	2.23B	1.62B	1.85B	1.89B	36.0	19.8	15.2	13.5	5.06	5.03	2.78	2.34B	13
14	2.14B	1.61B	1.88B	2.14B	34.6	19.7	15.4	12.9	4.81	5.00	2.57	2.35B	14
15	2.20B	1.67B	1.79B	2.59B	33.4	19.2	15.1	12.3	4.85	5.04	2.44	2.31B	15
16	2.22B	1.81B	1.75B	2.67B	32.2	19.0	14.3	11.8	5.03	5.03	2.42	2.32B	16
17	2.15B	1.84B	1.71B	3.03B	30.9	17.5	14.2	10.9 A	5.04	5.21	2.47	2.34B	17
18	2.14B	1.84B	1.76B	4.00B	29.5	16.0	14.0	10.5	4.81	5.25	2.46B	2.35B	18
19	2.34B	1.90B	1.73B	8.20B	28.3	15.4	13.6	10.0	4.79	5.18	2.56B	2.31B	19
20	2.31B	1.99B	1.78B	15.4 B	27.7	15.0	13.0	9.57	5.25	5.08	2.58B	2.24B	20
21	2.21B	1.90B	1.79B	19.5 B	27.4	14.7	12.9	9.17	6.50	5.06	2.42B	2.25B	21
22	2.20B	2.11B	1.79B	33.2 B	26.9	14.1	14.3	9.01	6.65	5.03	2.35B	2.26B	22
23	2.25B	1.86B	1.72B	51.7 B	25.9	13.7	14.9	8.63	6.33	5.11	2.38B	2.19B	23
24	2.33B	1.83B	1.73B	63.6 B	25.0	13.0	15.1	8.51	6.24	5.19	2.37B	2.10B	24
25	2.26B	1.80B	1.78B	80.5 B	24.4	13.1	15.1	8.61	5.73	5.13	2.36B	2.14B	25
26	2.05B	1.79B	1.72B	106 B	23.7	12.2	14.6	8.08	5.48	5.21	2.32B	2.29B	26
27	1.96B	1.83B	1.73B	101	24.2	11.2	14.5	7.74	5.26	5.28	2.29B	2.37B	27
28	1.92B	1.88B	1.69B	88.3	25.6	10.7	14.1	7.22	5.00	5.33	2.31B	2.39B	28
29	1.88B		1.76B	69.9	27.0	10.2	14.3	6.78	5.20	5.46	2.31B	2.33B	29
30	1.72B		1.65B	67.4	27.4	9.59	13.9	6.70	5.23	5.34	2.29B	2.42B	30
31	1.62B		1.63B		27.0		13.5	6.68		4.83		2.71B	31
TOTAL	66.46	49.17	55.18	743.23	1 152.5	542.39	416.48	371.50	176.75	165.61	87.61	72.05	TOTAL
MEAN	2.14	1.76	1.78	24.8	37.2	18.1	13.4	12.0	5.89	5.34	2.92	2.32	MEAN
MAX	2.41	2.11	1.90	106	69.5	26.7	15.4	18.5	7.38	6.39	5.12	2.71	MAX
MIN	1.62	1.50	1.63	1.78	23.7	9.59	8.94	6.68	4.79	4.83	2.29	2.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.7
MAXIMUM DAILY, 106B ON APR 26
MINIMUM DAILY, 1.50B ON FEB 10
MAXIMUM INSTANTANEOUS,
117B AT 17:54 CST ON APR 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 46 N
LONG 108 36 06 W
DRAINAGE AREA, 20 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 740	JUL	36 000
FEB	4 250	AUG	32 100
MAR	4 770	SEP	15 300
APR	64 200	OCT	14 300
MAY	99 600	NOV	7 570
JUN	46 900	DEC	6 230

TOTAL DISCHARGE, 337 000 dam³

BECKETT BROOK NEAR FOAM LAKE - STATION NO. 05HA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.161	0.003	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.076	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.026	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.029	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.014	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.007	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.013	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.013	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.004	0	0	0	0	0	---	---	11
12	---	---	0B	0.133B	0.004	0	0	0	0	0	---	---	12
13	---	---	0B	1.12 B	0	0	0	0	0	0	---	---	13
14	---	---	0B	0.764B	0	0	0	0	0	0	---	---	14
15	---	---	0B	0.929	0	0	0	0	0	0	---	---	15
16	---	---	0B	1.30	0.001	0	0	0	0	0	---	---	16
17	---	---	0B	1.11	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.698	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.526	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.477	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.416	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.295	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.194	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.132	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.053	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.037	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.027	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.012	0	0	0	0	0	0	---	---	28
29	---		0B	0.008	0	0	0	0	0	0	---	---	29
30	---		0B	0	0.017	0	0	0	0	0	---	---	30
31	---		0B		0.153		0	0		0		---	31
TOTAL	---	---	0	8.231	0.520	0.003	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.274	0.017	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.30	0.161	0.003	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.036
MAXIMUM DAILY, 1.30 ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.26B AT 13:30 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 30 N
LONG 103 36 12 W
DRAINAGE AREA, 631 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	711	OCT	0
MAY	44.9	NOV	---
JUN	0.26	DEC	---

TOTAL DISCHARGE, 756 dam³

BELANGER CREEK DIVERSION TO CYPRESS LAKE - STATION NO. 11AC064

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.366	1.76	0.143	0	0	0	---	---	1
2	---	---	0B	0 B	0.320	9.62	0.216	0	0	0	---	---	2
3	---	---	0B	0 B	0.333	7.22	0.164	0	0	0	---	---	3
4	---	---	0B	0 B	0.295	10.8	0.104	0	0	0	---	---	4
5	---	---	0B	0 B	0.474	6.17	0.093	0	0	0	---	---	5
6	---	---	0B	0 B	0.454	4.15	0.081	0	0	0	---	---	6
7	---	---	0B	0 B	0.495	2.76	0.001	0	0	0	---	---	7
8	---	---	0B	0 B	0.524	1.67	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.464	1.04	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.522	0.801	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.477	0.676	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.457	0.621	0	0	0	0	---	---	12
13	---	---	0B	0 B	0.405	0.578	0	0	0	0	---	---	13
14	---	---	0B	0 B	0.377	0.473	0	0	0	0	---	---	14
15	---	---	0B	0.064B	0.357	0.408	0	0	0	0	---	---	15
16	---	---	0B	0.047B	0.352	0.512	0	0	0	0	---	---	16
17	---	---	0B	0.399B	0.193	0.481	0	0	0	0	---	---	17
18	---	---	0B	1.55 B	0.025	0.651	0	0	0	0	---	---	18
19	---	---	0B	0.917B	0	0.482	0	0	0	0	---	---	19
20	---	0B	0B	1.29 B	0	0.385	0	0	0	0	---	---	20
21	---	0B	0B	1.86 B	0	0.333	0	0	0	0	---	---	21
22	---	0B	0B	2.81 B	0	0.306	0	0	0	0	---	---	22
23	---	0B	0B	5.11 B	0	0.264	0	0	0	0	---	---	23
24	---	0B	0B	6.48	0	0.230	0	0	0	0	---	---	24
25	---	0B	0B	2.77	0	0.207	0	0	0	0	---	---	25
26	---	0B	0B	1.29	0	0.183	0	0	0	0	---	---	26
27	---	0B	0B	0.795	0	0.183	0	0	0	0	---	---	27
28	---	0B	0B	0.696	0.112	0.214	0	0	0	0	---	---	28
29	---		0B	0.658	0.441	0.207	0	0	0	0	---	---	29
30	---		0B	0.533	0.587	0.184	0	0	0	0	---	---	30
31	---		0B		0.859		0	0		0		---	31
TOTAL	---	---	0	27.369	8.889	53.569	0.802	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.909	0.287	1.79	0.026	0	0	0	---	---	MEAN
MAX	---	---	0	6.48	0.859	10.8	0.216	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0.183	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.370
MAXIMUM DAILY, 10.8 ON JUN 4
MINIMUM DAILY, 0B ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 39 N
LONG 109 21 54 W

B - ICE CONDITIONS

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	69.3
FEB	---	AUG	0
MAR	0	SEP	0
APR	2 360	OCT	0
MAY	768	NOV	---
JUN	4 630	DEC	---

TOTAL DISCHARGE, 7 830 dam³

BIG GULLY CREEK NEAR HAIDSTOWE - STATION NO. 05EF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.003	0	0	0	0.001	0	0	---	1
2	---	---	0B	0 B	0.001	0	0	0	0	0	0	---	2
3	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0 B	0	0	0	0	0	0	---	---	12
13	---	---	0B	0 B	0	0	0	0	0	0	---	---	13
14	---	---	0B	0 B	0	0	0	0	0	0	---	---	14
15	---	---	0B	0 B	0	0	0	0	0	0	---	---	15
16	---	---	0B	0 B	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.001B	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.002B	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.006	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.015	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.040	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.037	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.025	0	0	0	0.128	0	0	---	---	23
24	---	---	0B	0.015	0	0	0	0.146	0	0	---	---	24
25	---	---	0B	0.010	0	0	0	0.065	0	0	---	---	25
26	---	---	0B	0.006	0	0	0	0.023	0	0	---	---	26
27	---	---	0B	0.001	0	0	0	0.007	0	0	---	---	27
28	---	---	0B	0.004	0	0	0	0.005	0	0	---	---	28
29	---		0B	0.011	0	0	0	0.002	0	0	---	---	29
30	---		0B	0.009	0	0	0	0.002	0	0	---	---	30
31	---		0B		0		0	0.002		0		---	31
TOTAL	---	---	0	0.182	0.007	0	0	0.380	0.001	0	---	---	TOTAL
MEAN	---	---	0	0.006	0	0	0	0.012	0	0	---	---	MEAN
MAX	---	---	0	0.040	0.003	0	0	0.146	0.001	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.146 ON AUG 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.217 AT 18:31 CST ON AUG 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 39 N
LONG 109 17 45 W
DRAINAGE AREA, 1 630 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	32.8
MAR	0	SEP	0.09
APR	15.7	OCT	0
MAY	0.60	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 49.2 dam³

BIG QUILL LAKE NEAR KANDAHAR - STATION NO. 05MA010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	515.387E	515.317E	515.211E	515.168E	515.151	---	1
2	---	---	---	---	---	---	515.385E	515.314E	515.209E	515.171E	---	---	2
3	---	---	---	---	---	---	515.383E	515.310	515.207	515.173E	---	---	3
4	---	---	---	---	---	---	515.380E	515.305E	515.205E	515.176	---	---	4
5	---	---	---	---	---	---	515.378	515.299E	515.203E	515.175E	---	---	5
6	---	---	---	---	---	---	515.377E	515.294E	515.201E	515.173E	---	---	6
7	---	---	---	---	---	---	515.375E	515.289E	515.199	515.171E	---	---	7
8	---	---	---	---	---	---	515.374	515.283E	515.197E	515.169	---	---	8
9	---	---	---	---	---	---	515.374E	515.278E	515.195E	515.168E	---	---	9
10	---	---	---	---	---	---	515.375E	515.273E	515.192E	515.167E	---	---	10
11	---	---	---	---	---	---	515.375E	515.268E	515.190	515.167E	---	---	11
12	---	---	---	---	---	---	515.375E	515.262E	515.188E	515.166	---	---	12
13	---	---	---	---	---	---	515.376E	515.257E	515.186E	515.165E	---	---	13
14	---	---	---	---	---	---	515.376	515.252E	515.185E	515.164E	---	---	14
15	---	---	---	---	---	---	515.376E	515.246E	515.183E	515.163	---	---	15
16	---	---	---	---	---	---	515.376E	515.240	515.181E	515.161E	---	---	16
17	---	---	---	---	515.833	---	515.376	515.239E	515.179E	515.160E	---	---	17
18	---	---	---	---	---	---	515.375E	515.237E	515.177E	515.158E	---	---	18
19	---	---	---	---	---	---	515.373E	515.235E	515.175	515.157E	---	---	19
20	---	---	---	---	---	---	515.372	515.233E	515.172E	515.155	---	---	20
21	---	---	---	---	515.824	---	515.366E	515.232E	515.169E	515.154E	---	---	21
22	---	---	---	---	---	---	515.361E	515.230E	515.166	515.152E	---	---	22
23	---	---	---	---	---	---	515.355E	515.228E	515.163E	515.151E	---	---	23
24	---	---	---	---	---	---	515.350E	515.226E	515.160E	515.150	---	---	24
25	---	---	---	---	---	---	515.344	515.224E	515.156E	515.149E	---	---	25
26	---	---	---	---	---	---	515.340E	515.222E	515.153	515.148E	---	---	26
27	---	---	---	---	---	---	515.336E	515.220E	515.156E	515.147E	---	---	27
28	---	---	---	---	---	---	515.332E	515.218E	515.159E	515.146E	---	---	28
29	---		---	---	---	---	515.328	515.216E	515.162E	515.145E	---	---	29
30	---		---	---	---	---	515.324E	515.214E	515.165E	515.144	---	---	30
31	---		---		---		515.321E	515.212E		---		---	31
MEAN	---	---	---	---	---	---	515.364	515.254	515.181	---	---	---	MEAN
MAX	---	---	---	---	---	---	515.387	515.317	515.211	---	---	---	MAX
MIN	---	---	---	---	---	---	515.321	515.212	515.153	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 46 54 N
LONG 104 19 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIG SANDY LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KF004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	393.588	393.597E	393.530	393.569	---	---	---	1
2	---	---	---	---	---	393.567	393.595E	393.533	393.569	---	---	---	2
3	---	---	---	---	---	393.567	393.592E	393.533	393.567	---	---	---	3
4	---	---	---	---	---	393.566	393.590E	393.534	393.567	---	---	---	4
5	---	---	---	---	---	393.566	393.588E	393.562	393.563	---	---	---	5
6	---	---	---	---	---	393.571	393.586E	393.563	393.563	---	---	---	6
7	---	---	---	---	---	393.575	393.584E	393.567	393.563	---	---	---	7
8	---	---	---	---	---	393.578	393.582E	393.570	393.559	---	---	---	8
9	---	---	---	---	---	393.578	393.580E	393.576	393.558	---	---	---	9
10	---	---	---	---	---	393.579	393.578E	393.575	393.556	---	---	---	10
11	---	---	---	---	---	393.579	393.576E	393.575	393.556	---	---	---	11
12	---	---	---	---	---	393.582	393.574E	393.576	393.556	---	---	---	12
13	---	---	---	---	---	393.587	393.572E	393.576	393.554	---	---	---	13
14	---	---	---	---	---	393.589	393.570E	393.577	393.550	---	---	---	14
15	---	---	---	---	---	393.592	393.568E	393.577	393.550	---	---	---	15
16	---	---	---	---	---	393.598	393.566	393.576	393.550	---	---	---	16
17	---	---	---	---	---	393.607	393.570	393.578	393.550	---	---	---	17
18	---	---	---	---	---	393.610	393.569	393.578	393.548	---	---	---	18
19	---	---	---	---	---	393.609	393.569	393.578	393.546	393.543	---	---	19
20	---	---	---	---	---	393.609	393.570	393.578	393.546	393.534	---	---	20
21	---	---	---	---	---	393.605	393.570	393.576	393.546	---	---	---	21
22	---	---	---	---	---	393.605	393.571	393.576	393.544	---	---	---	22
23	---	---	---	---	---	393.602	393.569	393.574	393.538	---	---	---	23
24	---	---	---	---	---	393.602	393.564	393.575	393.536	---	---	---	24
25	---	---	---	---	---	393.599	393.549	393.575	393.539	---	---	---	25
26	---	---	---	---	---	393.599	393.547	393.575	393.539	---	---	---	26
27	---	---	---	---	---	393.598	393.544	393.573	393.537	---	---	---	27
28	---	---	---	---	---	393.598	393.526	393.573	393.535	---	---	---	28
29	---		---	---	---	393.597	393.523	393.573	393.535	---	---	---	29
30	---		---	---	---	393.599	393.519	393.573	393.535	---	---	---	30
31	---		---		---		393.518	393.571		---		---	31
MEAN	---	---	---	---	---	393.589	393.567	393.569	393.551	---	---	---	MEAN
MAX	---	---	---	---	---	393.610	393.597	393.578	393.569	---	---	---	MAX
MIN	---	---	---	---	---	393.548	393.518	393.530	393.535	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 393.610 ON JUN 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 39 N
LONG 104 10 35 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIGSTONE LAKE NEAR LA RONGE - STATION NO. 06CA004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.757	0.702	0.670	0.654	0.641	0.929	0.885	0.797	0.803	0.767	0.825	0.808	1
2	0.753	0.701	0.668	0.654	0.651	0.930	0.873	0.781	0.803	0.761	0.830	0.807	2
3	0.750	0.700	0.667	0.655	0.664	0.940	0.875	0.815	0.801	0.753	0.812	0.810	3
4	0.749	0.699	0.666	0.655	0.677	0.939	0.896	0.830	0.796	0.754	0.803	0.811	4
5	0.748	0.699	0.665	0.654	0.703	0.940	0.893	0.833	0.792	0.762	0.799	0.815	5
6	0.746	0.702	0.664	0.650	0.715	0.957	0.901	0.833	0.791	0.757	0.801	0.815	6
7	0.743	0.703	0.661	0.652	0.725	0.965	0.915	0.844	0.791	0.749	0.801	0.815	7
8	0.743	0.697	0.659	0.653	0.722A	0.970	0.912	0.843	0.787	0.754	0.801	0.813	8
9	0.741	0.694	0.660	0.655	0.752E	0.973	0.910	0.841	0.780	0.762	0.802	0.814	9
10	0.738	0.694	0.663	0.650	0.781E	0.967	0.905	0.836	0.783	0.766	0.802	0.815	10
11	0.737	0.690	0.661	0.647	0.811E	0.968	0.901	0.828	0.796	0.769	0.805	0.814	11
12	0.737	0.688	0.670	0.635	0.840A	0.964	0.889	0.843	0.791	0.773	0.803	0.809	12
13	0.736	0.685	0.671	0.630	0.835	0.957	0.874	0.844	0.787	0.776	0.802	0.808	13
14	0.737	0.685	0.669	0.636	0.838	0.953	0.864	0.843	0.785	0.778	0.801	0.807	14
15	0.736	0.685	0.667	0.637	0.837	0.955	0.868	0.850	0.782	0.777	0.801	0.808	15
16	0.731	0.681	0.666	0.638	0.843	0.950	0.866	0.842	0.780	0.766	0.802	0.808	16
17	0.728	0.679	0.664	0.636	0.852	0.950	0.858	0.836	0.780	0.779	0.802	0.809	17
18	0.727	0.676	0.663	0.637	0.856	0.953	0.854	0.841	0.776	0.790	0.804	0.810	18
19	0.724	0.671	0.663	0.639	0.857	0.952	0.856	0.838	0.778	0.802	0.815	0.810	19
20	0.722	0.667	0.663	0.640	0.866	0.947	0.861	0.835	0.779	0.802	0.823	0.811	20
21	0.721	0.670	0.662	0.642	0.878	0.936	0.847	0.832	0.776	0.802	0.823	0.811	21
22	0.719	0.672	0.660	0.645	0.888	0.934	0.838	0.828	0.768	0.799	0.822	0.809	22
23	0.719	0.671	0.661	0.648	0.894	0.941	0.849	0.824	0.768	0.797	0.820	0.811	23
24	0.717	0.669	0.663	0.649	0.906	0.944	0.848	0.825	0.769	0.799	0.817	0.811	24
25	0.715	0.667	0.662	0.651	0.897	0.939	0.839	0.824	0.762	0.802	0.813	0.812	25
26	0.713	0.665	0.658	0.647	0.920	0.936	0.833	0.824	0.762	0.803	0.813	0.811	26
27	0.713	0.665	0.656	0.637	0.912	0.925	0.835	0.814	0.757	0.808	0.809	0.812	27
28	0.712	0.672	0.657	0.621	0.918	0.910	0.834	0.806	0.738	0.816	0.808	0.812	28
29	0.709		0.656	0.623	0.906	0.901	0.828	0.806	0.745	0.828	0.808	0.812	29
30	0.704		0.659	0.635	0.914	0.896	0.825	0.801	0.766	0.830	0.808	0.808	30
31	0.703		0.653		0.923		0.814	0.800		0.826		0.808	31
MEAN	0.730	0.684	0.663	0.644	0.820	0.944	0.866	0.827	0.779	0.784	0.809	0.811	MEAN
MAX	0.757	0.703	0.671	0.655	0.923	0.973	0.915	0.850	0.803	0.830	0.830	0.815	MAX
MIN	0.703	0.665	0.653	0.621	0.641	0.896	0.814	0.781	0.738	0.749	0.799	0.807	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 0.781
MAXIMUM DAILY, 0.973 ON JUN 9
MINIMUM DAILY, 0.621 ON APR 28
MAXIMUM INSTANTANEOUS,
0.977 AT 11:47 CST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 105 21 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

BIRCH CREEK NEAR ELFROS - STATION NO. 05NA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.002B	0.035	0.026	0.003	0.001	0	0	0.001	---	1
2	---	---	0 B	0.001B	0.030	0.009	0.003	0.001	0	0	0.001	---	2
3	---	---	0 B	0.001B	0.019	0.007	0.003	0.001	0	0.001	0.001B	---	3
4	---	---	0 B	0.001B	0.012	0.006	0.003	0.001	0	0.001	0.001B	---	4
5	---	---	0 B	0.001B	0.009	0.005	0.003	0.001	0	0.001	---	---	5
6	---	---	0 B	0.001B	0.015	0.005	0.002	0.001	0	0.001	---	---	6
7	---	---	0 B	0.001B	0.017	0.004	0.002	0.001	0	0.002	---	---	7
8	---	---	0 B	0.001B	0.019	0.003	0.002	0.001	0	0.002	---	---	8
9	---	---	0 B	0.001B	0.032	0.003	0.002	0.001	0	0.002	---	---	9
10	---	---	0 B	0.002B	0.010	0.004	0.002	0.001	0	0.002	---	---	10
11	---	---	0 B	0.008B	0.013	0.003	0.002	0.001	0	0.003	---	---	11
12	---	---	0 B	0.391B	0.006	0.003	0.002	0.001	0	0.003	---	---	12
13	---	---	0 B	3.40 B	0.005	0.003	0.002	0.001	0	0.004	---	---	13
14	---	---	0 B	3.75 B	0.005	0.003	0.002	0.001	0	0.003	---	---	14
15	---	---	0 B	2.54 B	0.004	0.003	0.002	0.001	0	0.002	---	---	15
16	---	---	0 B	2.84 B	0.004	0.003	0.002	0.001	0	0.002	---	---	16
17	---	---	0 B	2.39	0.003	0.003	0.002	0.001	0	0.002	---	---	17
18	---	---	0 B	1.71	0.003	0.003	0.002	0.001	0	0.002	---	---	18
19	---	---	0 B	1.10	0.003	0.003	0.004	0.001	0	0.002	---	---	19
20	---	---	0 B	0.803	0.003	0.003	0.003	0.001	0	0.002	---	---	20
21	---	---	0 B	0.590	0.003	0.003	0.002	0.001	0	0.002	---	---	21
22	---	---	0 B	0.405	0.004	0.003	0.002	0.001	0	0.001	---	---	22
23	---	---	0 B	0.264	0.003	0.003	0.002	0.001	0	0.001	---	---	23
24	---	---	0 B	0.198	0.002	0.003	0.002	0.001	0	0.001	---	---	24
25	---	---	0 B	0.091	0.002	0.003	0.002	0.001	0	0.001	---	---	25
26	---	---	0 B	0.068	0.002	0.003	0.002	0	0	0.001	---	---	26
27	---	---	0 B	0.111	0.003	0.003	0.002	0	0	0.001	---	---	27
28	---	---	0 B	0.110	0.025	0.003	0.002	0	0	0.001	---	---	28
29	---		0 B	0.065	0.092	0.003	0.002	0	0	0.001	---	---	29
30	---		0.001B	0.048	0.089	0.003	0.002	0	0	0.001	---	---	30
31	---		0.003B		0.061		0.001	0		0.001		---	31
TOTAL	---	---	0.004	20.894	0.533	0.132	0.069	0.025	0	0.049	---	---	TOTAL
MEAN	---	---	0	0.696	0.017	0.004	0.002	0.001	0	0.002	---	---	MEAN
MAX	---	---	0.003	3.75	0.092	0.026	0.004	0.001	0	0.004	---	---	MAX
MIN	---	---	0	0.001	0.002	0.003	0.001	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.089
MAXIMUM DAILY, 3.75B ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.74B AT 00:16 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 44 50 N
LONG 103 52 15 W
DRAINAGE AREA, 688 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.96
FEB	---	AUG	2.16
MAR	0.35	SEP	0
APR	1 810	OCT	4.23
MAY	46.1	NOV	---
JUN	11.4	DEC	---

TOTAL DISCHARGE, 1 880 dam³

BIRCH RIVER MARSH NEAR CUMBERLAND HOUSE - STATION NO. 05KH014

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	263.892E	263.861E	263.849	263.807	263.947	263.943	263.467	263.573	263.433A	263.819E	263.707	263.790	1
2	263.888E	263.863E	263.844	263.809	263.943	263.943	263.429	263.517	263.520	263.815E	263.709	263.792	2
3	263.884E	263.866E	263.842	263.812	263.944	263.937	263.414	263.411	263.583	263.800E	263.711	263.800	3
4	263.880A	263.869E	263.845	263.812	263.947	263.933	263.413	263.393	263.629	263.784E	263.715	263.799	4
5	263.875A	263.870E	263.843	263.811	263.950	263.934	263.393	263.384	263.666	263.750E	263.716	263.801	5
6	263.872E	263.871E	263.839	263.810	263.939	263.930	263.389	263.381	263.697	263.720E	263.717	263.799	6
7	263.869E	263.872E	263.835A	263.808	263.938	263.919	263.389	263.382	263.725	263.695E	263.719	263.800	7
8	263.867E	263.872E	263.827A	263.811	263.936	263.916	263.384	263.384	263.750	263.683E	263.719	263.801E	8
9	263.865E	263.873E	263.823	263.812	263.935	263.908	263.374	263.385	263.770	263.670E	263.723	263.803E	9
10	263.863E	263.873E	263.823	263.805	263.933	263.899	263.366	263.388	263.777	263.663E	263.727	263.805E	10
11	263.861E	263.872E	263.820	263.807	263.920	263.891	263.357	263.396	263.778	263.660E	263.727	263.807E	11
12	263.860E	263.871E	263.837	263.807	263.919	263.885	263.346	263.399	263.768	263.658E	263.733	263.809E	12
13	263.858E	263.870E	263.842	263.806	263.921	263.876	263.319	263.410	263.760	263.658E	263.739	263.811E	13
14	263.856E	263.869E	263.837	263.827	263.929	263.864	263.295	263.414	263.762	263.659E	263.749	263.814E	14
15	263.854E	263.869A	263.835	263.867	263.926	263.854	263.284	263.413	263.763	263.660E	263.755	263.818E	15
16	263.852E	263.867	263.833	263.906	263.935	263.834	263.280	263.415	263.759	263.664E	263.755	263.822E	16
17	263.851E	263.875	263.823	263.925	263.945	263.805	263.317	263.418	263.762	263.669E	263.756	263.827E	17
18	263.851E	263.872	263.817	263.940	263.947	263.785	263.368	263.412	263.761	263.671A	263.764	263.832E	18
19	263.850E	263.869	263.816	263.951	263.944	263.774	263.406	263.403	263.760	263.677	263.767	263.839E	19
20	263.850E	263.876	263.819	263.962	263.947	263.763	263.431	263.396	263.759	263.684	263.773	263.846E	20
21	263.850E	263.871	263.816	263.964	263.952	263.750	263.456	263.391	263.760	263.688	263.776	263.855E	21
22	263.851E	263.865	263.815	263.967	263.954	263.739	263.471	263.383	263.760	263.682	263.775	263.862E	22
23	263.852E	263.862	263.816	263.967	263.949	263.735	263.493	263.377	263.760	263.691	263.777	263.870E	23
24	263.853E	263.853	263.813	263.969	263.953	263.730	263.508	263.377	263.772	263.695	263.780	263.878E	24
25	263.854E	263.853	263.805	263.964	263.945	263.724	263.518	263.380	263.789	263.697	263.779	263.886E	25
26	263.855E	263.851	263.805	263.965	263.942	263.713	263.527	263.383	263.801	263.697A	263.779A	263.895E	26
27	263.856E	263.849	263.804	263.963	263.931	263.704	263.535	263.386	263.805A	263.701	263.778	263.905E	27
28	263.857E	263.851	263.812	263.957	263.934	263.659	263.543	263.361	263.815E	263.704	263.780	263.915E	28
29	263.858E		263.810	263.956	263.941	263.556	263.551	263.303	263.819E	263.707	263.784	263.925E	29
30	263.859E		263.816	263.956	263.954	263.507	263.560	263.257	263.820E	263.709	263.788	263.935E	30
31	263.860E		263.811		263.954		263.564	263.291A		263.707		263.945E	31
MEAN	263.861	263.866	263.825	263.884	263.940	263.814	263.424	263.392	263.736	263.701	263.749	263.841	MEAN
MAX	263.892	263.876	263.849	263.969	263.954	263.943	263.564	263.573	263.820	263.819	263.788	263.945	MAX
MIN	263.850	263.849	263.804	263.805	263.919	263.507	263.280	263.257	263.433	263.658	263.707	263.790	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 263.752
MAXIMUM DAILY, 263.969 ON APR 24
MINIMUM DAILY, 263.257 ON AUG 30
MAXIMUM INSTANTANEOUS,
263.971 AT 12:54 CST ON APR 24

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 101 57 33 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

BIRCH RIVER NEAR MANITOBA BOUNDARY - STATION NO. 05KH013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.015E	0.015E	0.015E	0.015E	0.015E	5.24	3.44	5.88	0.015E	1.44	0.015E	0.015E	1
2	0.015E	0.015E	0.015E	0.015E	0.015E	5.24	2.90	10.6	0.015E	1.40	0.015E	0.015E	2
3	0.015E	0.015E	0.015E	0.015E	0.015E	5.10	2.68	7.90	0.032	1.24	0.015E	0.015E	3
4	0.015E	0.015E	0.015E	0.015E	0.015E	5.04	2.66	7.50	0.146	1.10	0.015E	0.015E	4
5	0.015E	0.015E	0.015E	0.015E	0.015E	5.04	2.40	7.28	0.307	0.794	0.015E	0.015E	5
6	0.015E	0.015E	0.015E	0.015E	0.015E	5.00	2.34	7.20	0.464	0.603	0.015E	0.015E	6
7	0.015E	0.015E	0.015E	0.015E	0.015E	4.76	2.34	7.24	0.595	0.462	0.015E	0.015E	7
8	0.015E	0.015E	0.015E	0.015E	0.015E	4.70	2.28	7.28	0.884	0.394	0.015E	0.015E	8
9	0.015E	0.015E	0.015E	0.015E	0.015E	4.52	2.16	7.30	0.976	0.326	0.015E	0.015E	9
10	0.015E	0.015E	0.015E	0.015E	5.04 E	4.38	2.06	7.38	1.04	0.292	0.015E	0.015E	10
11	0.015E	0.015E	0.015E	0.015E	4.78 E	4.20	1.94	7.56	1.04	0.278	0.015E	0.015E	11
12	0.015E	0.015E	0.015E	0.015E	4.76	4.10	1.82	7.60	0.959	0.269	0.015E	0.015E	12
13	0.015E	0.015E	0.015E	0.015E	4.78	3.94	1.48	7.90	0.882	0.269	0.015E	0.015E	13
14	0.015E	0.015E	0.015E	0.015E	4.96	3.72	1.22	7.98	0.908	0.273	0.015E	0.015E	14
15	0.015E	0.015E	0.015E	0.015E	4.90	3.54	1.12	7.98	0.917	0.278	0.015E	0.015E	15
16	0.015E	0.015E	0.015E	0.015E	5.06	5.06	1.08	8.02	0.884	0.297	0.015E	0.015E	16
17	0.015E	0.015E	0.015E	0.015E	5.28	4.58	1.48	8.08	0.908	0.321	0.015E	0.015E	17
18	0.015E	0.015E	0.015E	0.015E	5.32	4.12	2.08	7.94	0.900	0.015E	0.015E	0.015E	18
19	0.015E	0.015E	0.015E	0.015E	5.24	3.90	2.56	7.74	0.892	0.015E	0.015E	0.015E	19
20	0.015E	0.015E	0.015E	0.015E	5.32	3.70	2.92	7.56	0.881	0.015E	0.015E	0.015E	20
21	0.015E	0.015E	0.015E	0.015E	5.44	3.46	3.28	7.44	0.892	0.015E	0.015E	0.015E	21
22	0.015E	0.015E	0.015E	0.015E	5.46	3.28	3.50	7.26	0.892	0.015E	0.015E	0.015E	22
23	0.015E	0.015E	0.015E	0.015E	5.36	3.20	3.84	7.08	0.892	0.015E	0.015E	0.015E	23
24	0.015E	0.015E	0.015E	0.015E	5.44	3.12	4.08	7.12	0.992	0.015E	0.015E	0.015E	24
25	0.015E	0.015E	0.015E	0.015E	5.28	3.02	4.22	7.20	1.14	0.015E	0.015E	0.015E	25
26	0.015E	0.015E	0.015E	0.015E	5.28	2.84	4.38	7.26	1.26	0.015E	0.015E	0.015E	26
27	0.015E	0.015E	0.015E	0.015E	5.00	2.70	4.50	7.32	1.30	0.015E	0.015E	0.015E	27
28	0.015E	0.015E	0.015E	0.015E	5.06	6.88	4.64	6.76	1.40	0.015E	0.015E	0.015E	28
29	0.015E		0.015E	0.015E	5.22	5.02	4.80	5.48	1.42	0.015E	0.015E	0.015E	29
30	0.015E		0.015E	0.015E	5.46	4.86	5.20	4.54	1.46	0.015E	0.015E	0.015E	30
31	0.015E		0.015E		5.46		5.44	0.015E		0.015E		0.015E	31
TOTAL	0.465	0.420	0.465	0.450	114.035	127.46	90.84	221.395	25.213	10.246	0.450	0.465	TOTAL
MEAN	0.015	0.015	0.015	0.015	3.68	4.25	2.93	7.14	0.840	0.331	0.015	0.015	MEAN
MAX	0.015	0.015	0.015	0.015	5.46	6.88	5.44	10.6	1.46	1.44	0.015	0.015	MAX
MIN	0.015	0.015	0.015	0.015	0.015	2.70	1.08	0.015	0.015	0.015	0.015	0.015	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.62
MAXIMUM DAILY, 10.6 ON AUG 2
MINIMUM DAILY, 0.015E ON JAN 1

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 101 57 23 W
DRAINAGE AREA, 1 340 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40.2	JUL	7 850
FEB	36.3	AUG	19 100
MAR	40.2	SEP	2 180
APR	38.9	OCT	885
MAY	9 850	NOV	38.9
JUN	11 000	DEC	40.2

TOTAL DISCHARGE, 51 100 dam³

BIRLING CREEK NEAR PAYNTON - STATION NO. 05EG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.001	0	0	0	0	0	0	---	1
2	---	---	0B	0 B	0.001	0	0	0	0	0	0	---	2
3	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0 B	0	0	0	0	0	0	---	---	12
13	---	---	0B	0 B	0	0	0	0	0	0	---	---	13
14	---	---	0B	0 B	0	0	0	0	0	0	---	---	14
15	---	---	0B	0.001B	0	0	0	0	0	0	---	---	15
16	---	---	0B	0.001B	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.002	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.001	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.018	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.003	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.002	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.007	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.001	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.001	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.001	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.001	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.001	0	0	0	0	0	0	---	---	28
29	---		0B	0.002	0	0	0	0	0	0	---	---	29
30	---		0B	0.002	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0.045	0.004	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.002	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.018	0.001	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.018 ON APR 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.046 AT 06:10 CST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 04 45 N
LONG 108 59 00 W
DRAINAGE AREA, 424 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	3.89	OCT	0
MAY	0.35	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 4.24 dam³

BISSETT CREEK NEAR CHOICELAND - STATION NO. 05KE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.650E	0.026	0.007	0.063	0.188	0.060	0.205	---	1
2	---	---	0B	0 B	0.500E	0.022	0.018	0.090	0.207	0.079	0.195	---	2
3	---	---	0B	0 B	0.436A	0.020	0.019	0.131	0.192	0.094	0.166	---	3
4	---	---	0B	0 B	0.355E	0.034	0.012	0.117	0.183	0.124	0.139A	---	4
5	---	---	0B	0 B	0.320E	0.062	0.022	0.162	0.188	0.181	---	---	5
6	---	---	0B	0 B	0.290E	0.089	0.030	0.173	0.194	0.194	---	---	6
7	---	---	0B	0 B	0.265E	0.058	0.028	0.136	0.174	0.193	---	---	7
8	---	---	0B	0 B	0.245E	0.064	0.029	0.139	0.175	0.218	---	---	8
9	---	---	0B	0 B	0.225E	0.072	0.019	0.111	0.165	0.220	---	---	9
10	---	---	0B	0 B	0.208E	0.037	0.011	0.161	0.143	0.221	---	---	10
11	---	---	0B	0 B	0.183A	0.036	0.025	0.099	0.135	0.217	---	---	11
12	---	---	0B	0 B	0.165E	0.030	0.029	0.121	0.127	0.215	---	---	12
13	---	---	0B	0 B	0.140E	0.026	0.018	0.152	0.118	0.222	---	---	13
14	---	---	0B	0 B	0.120E	0.026	0.018	0.122	0.107	0.224	---	---	14
15	---	---	0B	0.181B	0.100E	0.022	0.042	0.107	0.085	0.225	---	---	15
16	---	---	0B	0.597B	0.090E	0.023	0.057	0.094	0.066	0.209	---	---	16
17	---	---	0B	1.56 B	0.078E	0.016	0.069	0.080	0.056	0.222	---	---	17
18	---	---	0B	3.79 B	0.069A	0.012	0.065	0.105	0.035	0.239	---	---	18
19	---	---	0B	4.15 B	0.060E	0.007	0.058	0.129	0.024	0.230	---	---	19
20	---	---	0B	7.92 B	0.050E	0.003	0.033	0.128	0.036	0.219	---	---	20
21	---	---	0B	7.75	0.042E	0.003	0.031	0.125	0.035	0.250	---	---	21
22	---	---	0B	5.51	0.035E	0.004	0.025	0.106	0.022	0.227	---	---	22
23	---	---	0B	3.78	0.025E	0.003	0.035	0.114	0.019	0.221	---	---	23
24	---	---	0B	2.55 A	0.018E	0.003	0.032	0.101	0.021	0.228	---	---	24
25	---	---	0B	2.32 E	0.014E	0.009	0.036	0.099	0.020	0.229	---	---	25
26	---	---	0B	2.08 A	0.012E	0.008	0.022	0.113	0.015	0.213	---	---	26
27	---	---	0B	1.60 E	0.014E	0.013	0.020	0.108	0.012	0.206	---	---	27
28	---	---	0B	1.30 E	0.016E	0.012	0.029	0.080	0.014	0.212	---	---	28
29	---		0B	1.05 E	0.017	0.011	0.035	0.066	0.017	0.211	---	---	29
30	---		0B	0.820E	0.031	0.008	0.057	0.045	0.022	0.201	---	---	30
31	---		0B		0.026		0.058	0.123		0.189		---	31
TOTAL	---	---	0	46.958	4.799	0.767	0.989	3.500	2.795	6.193	---	---	TOTAL
MEAN	---	---	0	1.57	0.155	0.026	0.032	0.113	0.093	0.200	---	---	MEAN
MAX	---	---	0	7.92	0.650	0.089	0.069	0.173	0.207	0.250	---	---	MAX
MIN	---	---	0	0	0.012	0.003	0.007	0.045	0.012	0.060	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.269
MAXIMUM DAILY, 7.92B ON APR 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.85B AT 11:20 CST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 27 11 N
LONG 104 34 07 W
DRAINAGE AREA, 538 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	85.4
FEB	---	AUG	302
MAR	0	SEP	241
APR	4 060	OCT	535
MAY	415	NOV	---
JUN	66.3	DEC	---

TOTAL DISCHARGE, 5 700 dam³

BLACKSTRAP RESERVOIR AT SOUTH SIDE OF CAUSEWAY - STATION NO. 05HG014

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	534.505E	534.674	534.654E	534.521E	534.340	534.438	534.353	---	1
2	---	---	---	---	534.505E	534.674	534.654E	534.509E	534.346	534.425E	534.353E	---	2
3	---	---	---	---	534.505	534.675E	534.654E	534.497	534.399	534.413E	534.353	---	3
4	---	---	---	---	534.505	534.676	534.654E	534.497	534.399	534.400	---	---	4
5	---	---	---	---	534.505	534.677E	534.654	534.477	534.399E	534.390	---	---	5
6	---	---	---	---	534.483	534.677E	534.638	534.477	534.399E	534.390E	---	---	6
7	---	---	---	---	534.449	534.678E	534.614	534.477E	534.399	534.390	---	---	7
8	---	---	---	---	534.444E	534.678	534.598	534.477E	534.441	534.382	---	---	8
9	---	---	---	---	534.440E	534.678E	534.596	534.477	534.461	534.384E	---	---	9
10	---	---	---	---	534.435	534.677E	534.577E	534.442E	534.457	534.385E	---	---	10
11	---	---	---	---	534.431	534.677E	534.557E	534.407	534.449E	534.387E	---	---	11
12	---	---	---	---	534.430	534.676E	534.538	534.416	534.441	534.388	---	---	12
13	---	---	---	---	534.449	534.675E	534.518	534.416	534.441	534.386	---	---	13
14	---	---	---	---	534.453	534.675	534.524	534.417E	534.437	534.386E	---	---	14
15	---	---	---	---	534.452E	534.671E	534.586	534.418E	534.437	534.386E	---	---	15
16	---	---	---	---	534.451E	534.667E	534.576	534.420	534.441	534.387E	---	---	16
17	---	---	---	---	534.449	534.663	534.574E	534.420	534.441	534.387E	534.334	---	17
18	---	---	---	---	534.450	534.661	534.571E	534.420	534.449	534.387E	---	---	18
19	---	---	---	---	534.442E	534.655E	534.568	534.416	534.445E	534.387	---	---	19
20	---	---	---	---	534.434	534.649E	534.538	534.408	534.441	534.385E	---	---	20
21	---	---	---	---	534.434	534.643	534.544E	534.408E	534.443	534.384E	---	---	21
22	---	---	---	---	534.459E	534.637	534.551E	534.408E	534.438	534.383E	---	---	22
23	---	---	---	---	534.485E	534.637	534.557	534.408	534.441	534.382E	---	---	23
24	---	---	---	---	534.510E	534.637	534.556E	534.396E	534.442	534.381E	---	---	24
25	---	---	---	---	534.536	534.653	534.555E	534.383	534.442E	534.379E	---	---	25
26	---	---	---	---	534.632	534.653	534.555	534.383	534.442E	534.378E	---	---	26
27	---	---	---	---	534.632	534.653E	534.542	534.382	534.442	534.377	---	---	27
28	---	---	---	534.505	534.636	534.653	534.542	534.382E	534.443	534.374E	---	---	28
29	---		---	534.505E	534.651E	534.653	534.545	534.382E	534.442	534.371E	534.332	---	29
30	---		---	534.505E	534.665E	534.654	534.545	534.382	534.440E	534.368E	---	---	30
31	---		---		534.680		534.533E	534.361E		534.365E		---	31
MEAN	---	---	---	---	534.501	534.664	534.576	534.429	534.429	534.387	---	---	MEAN
MAX	---	---	---	---	534.680	534.678	534.654	534.521	534.461	534.438	---	---	MAX
MIN	---	---	---	---	534.430	534.637	534.518	534.361	534.340	534.365	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 534.680 ON MAY 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 47 50 N
LONG 106 24 30 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BOGGY CREEK NEAR LUNSDEN - STATION NO. 05JF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.003B	0.160	0.004	0.003	0.001	0	0.002	0.004	---	1
2	---	---	0 B	0.002B	0.126	0.004	0.003	0.001	0	0.003	0.004	---	2
3	---	---	0 B	0.001B	0.101	0.004	0.003	0	0	0.003	0.004A	---	3
4	---	---	0 B	0 B	0.092	0.004	0.003	0	0	0.003	---	---	4
5	---	---	0 B	0 B	0.077	0.004	0.003	0	0	0.003	---	---	5
6	---	---	0 B	0 B	0.065	0.004	0.002	0	0	0.003	---	---	6
7	---	---	0 B	0 B	0.046	0.004	0.002	0	0	0.003	---	---	7
8	---	---	0 B	0 B	0.033	0.004	0.002	0	0	0.003	---	---	8
9	---	---	0 B	0 B	0.024	0.004	0.002	0	0	0.004	---	---	9
10	---	---	0 B	0 B	0.028	0.004	0.002	0.001	0	0.004	---	---	10
11	---	---	0 B	0.004B	0.026	0.004	0.002	0.001	0	0.004	---	---	11
12	---	---	0 B	0.013B	0.023	0.003	0.001	0.001	0	0.004	---	---	12
13	---	---	0 B	0.029B	0.020	0.003	0.001	0	0	0.004	---	---	13
14	---	---	0 B	1.58 B	0.016	0.003	0.001	0	0	0.004	---	---	14
15	---	---	0 B	8.59 B	0.016	0.003	0.001	0.001	0	0.004	---	---	15
16	---	---	0 B	26.2 B	0.020	0.003	0.001	0.001	0	0.004	---	---	16
17	---	---	0 B	21.5 B	0.018	0.003	0.003	0.001	0	0.004	---	---	17
18	---	---	0 B	15.3	0.014	0.003	0.003	0.001	0	0.004	---	---	18
19	---	---	0 B	8.25	0.019	0.003	0.002	0	0	0.004	---	---	19
20	---	---	0 B	4.52	0.016	0.003	0.002	0	0	0.004	---	---	20
21	---	---	0 B	3.10	0.014	0.003	0.002	0	0	0.004	---	---	21
22	---	---	0 B	2.43	0.012	0.003	0.002	0	0	0.004	---	---	22
23	---	---	0 B	2.18	0.014	0.003	0.003	0	0	0.004	---	---	23
24	---	---	0 B	1.72	0.010	0.003	0.002	0	0	0.004	---	---	24
25	---	---	0 B	1.20	0.005	0.003	0.002	0	0	0.004	---	---	25
26	---	---	0 B	0.925	0.005	0.003	0.002	0	0	0.004	---	---	26
27	---	---	0.001B	0.694	0.005	0.003	0.001	0	0	0.004	---	---	27
28	---	---	0.002B	0.508	0.005	0.003	0.001	0	0.002	0.004	---	---	28
29	---		0.003B	0.377	0.005	0.003	0.001	0	0.002	0.004	---	---	29
30	---		0.003B	0.220	0.004	0.003	0.001	0	0.002	0.004	---	---	30
31	---		0.003B		0.004		0.001	0		0.004		---	31
TOTAL	---	---	0.012	99.346	1.023	0.101	0.060	0.009	0.006	0.115	---	---	TOTAL
MEAN	---	---	0	3.31	0.033	0.003	0.002	0	0	0.004	---	---	MEAN
MAX	---	---	0.003	26.2	0.160	0.004	0.003	0.001	0.002	0.004	---	---	MAX
MIN	---	---	0	0	0.004	0.003	0.001	0		0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.611
MAXIMUM DAILY, 26.2B ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
33.8B AT 11:08 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 55 N
LONG 104 49 05 W
DRAINAGE AREA, 401 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.18
FEB	---	AUG	0.78
MAR	1.04	SEP	0.52
APR	8 580	OCT	9.94
MAY	88.4	NOV	---
JUN	8.73	DEC	---

TOTAL DISCHARGE, 8 690 dam³

BOUNDARY RESERVOIR NEAR ESTEVAN - STATION NO. 05NB012

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	556.983	556.882	556.842	556.807	560.798	560.821	560.685	560.848	560.633	560.380	560.213	560.061	1
2	556.982	556.875	556.846	556.807	560.810	560.825	560.679	560.842	560.624	560.380	560.197	560.067	2
3	556.979	556.873	556.847	556.831	560.818	560.825	560.672	560.833	560.618	560.378	560.184	560.070	3
4	556.973	556.868	556.841	556.862	560.809	560.823	560.667	560.825	560.606	560.369	560.179	560.066	4
5	556.970	556.868	556.837	556.888	560.828	560.824	560.660	560.824	560.595	560.366	560.175	560.060	5
6	556.969	556.864	556.831	556.899	560.799	560.810	560.639	560.820	560.589	560.362	560.175	560.046	6
7	556.962	556.859	556.834	556.901	560.812	560.805	560.633	560.803	560.583	560.364	560.167	560.037	7
8	556.956	556.854	556.827	556.888	560.824	560.805	560.631	560.790	560.579	560.358	560.166	560.035	8
9	556.947	556.856	556.824	556.845	560.829	560.804	560.641	560.784	560.571	560.350	560.159	560.036	9
10	556.945	556.853	556.817	556.817	560.836	560.803	560.640	560.774	560.557	560.344	560.158	560.020	10
11	556.943	556.851	556.818	556.785	560.851	560.796	560.640	560.763	560.544	560.335	560.143	560.023	11
12	556.941	556.850	556.803	556.767	560.854	560.800	560.637	560.752	560.533	560.322	560.135	560.026	12
13	556.936	556.850	556.811	556.829	560.858	560.799	560.631	560.745	560.514	560.314	560.129	560.024	13
14	556.934	556.849	556.814	557.145	560.864	560.794	560.639	560.745	560.503	560.299	560.127	560.023	14
15	556.920	556.851	556.815	558.239	560.857	560.788	560.747	560.751	560.495	560.291	560.124	560.019	15
16	556.921	556.852	556.824	558.972	560.865	560.784	560.778	560.746	560.483	560.290	560.121	560.018	16
17	556.921	556.855	556.835	558.939	560.874	560.776	560.780	560.740	560.475	560.284	560.118	560.019	17
18	556.915	556.854	556.832	558.658	560.865	560.767	560.821	560.739	560.468	560.274	560.120	560.012	18
19	556.910	556.857	556.828	558.444	560.843	560.758	560.862	560.738	560.454	560.267	560.109	560.014	19
20	556.907	556.859	556.825	558.455	560.838	560.749	560.874	560.731	560.447	560.264	560.091	560.010	20
21	556.903	556.857	556.823	558.789	560.841	560.746	560.878	560.732	560.444	560.261	560.084	560.008	21
22	556.907	556.861	556.822	559.525	560.845	560.740	560.867	560.725	560.433	560.257	560.080	560.004	22
23	556.908	556.862	556.815	560.187	560.841	560.730	560.866	560.723	560.419	560.256	560.075	559.997	23
24	556.911	556.863	556.813	560.650	560.849	560.721	560.863	560.717	560.414	560.251	560.072	559.987	24
25	556.910	556.861	556.814	560.840	560.853	560.718	560.856	560.704	560.409	560.248	560.067	559.987	25
26	556.908	556.859	556.814	560.892	560.842	560.715	560.851	560.693	560.396	560.245	560.063	559.986	26
27	556.897	556.855	556.810	560.877	560.830	560.715	560.858	560.683	560.381	560.238	560.064	559.967	27
28	556.899	556.843	556.806	560.838	560.833	560.705	560.860	560.672	560.393	560.227	560.066	559.965	28
29	556.894		556.809	560.806	560.830	560.698	560.851	560.661	560.389	560.225	560.066	559.961	29
30	556.890		556.805	560.806	560.812	560.691	560.852	560.653	560.382	560.222	560.066	559.960	30
31	556.887		556.804		560.814		560.853	560.644		560.219		559.957	31
MEAN	556.930	556.859	556.822	558.399	560.836	560.771	560.755	560.748	560.498	560.298	560.123	560.015	MEAN
MAX	556.983	556.882	556.847	560.892	560.874	560.825	560.874	560.848	560.633	560.380	560.213	560.070	MAX
MIN	556.887	556.843	556.803	556.767	560.798	560.691	560.631	560.644	560.381	560.219	560.063	559.957	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 559.436
MAXIMUM DAILY, 560.892 ON APR 26
MINIMUM DAILY, 556.767 ON APR 12
MAXIMUM INSTANTANEOUS,
560.902 AT 14:51 CST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 49 N
LONG 103 01 28 W

REGULATED SINCE 1958

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - ADD 0.019 m TO CONVERT TO GSC (1978) DATUM

BOXELDER CREEK NEAR WALSH - STATION NO. 05AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.005B	0.660	0.047	1.92	0	0	0	0	---	---	1
2	---	0 B	0.003B	0.410	0.036	5.01	0	0	0	0	---	---	2
3	---	0 B	0.001B	0.293B	0.025	4.61	0	0	0	0	---	---	3
4	---	0 B	0.001B	0.218B	0.010	3.90	0	0	0	0	---	---	4
5	---	0 B	0.001B	0.180B	0.001	2.97	0	0	0	0	---	---	5
6	---	0 B	0.001B	0.167B	0.001	1.41	0	0	0	0	---	---	6
7	---	0 B	0.001B	0.203B	0.001	0.669	0	0	0	0	---	---	7
8	---	0 B	0.001B	0.290B	0.001	0.245	0	0	0	0	---	---	8
9	---	0 B	0.001B	0.400B	0.001	0.064	0.010	0	0	0	---	---	9
10	---	0 B	0.001B	0.490B	0.001	0.011	0.020	0	0	0	---	---	10
11	---	0 B	0.700B	0.875	0.001	0.003	0.009	0	0	0	---	---	11
12	---	0 B	0.987B	1.58	0.001	0.001	0.004	0	0	0	---	---	12
13	---	0 B	1.11 B	2.04	0.001	0.001	0	0	0	0	---	---	13
14	---	0 B	0.800B	2.75	0.001	0.001	0	0	0	0	---	---	14
15	---	0 B	0.378	2.35	0.001	0.001	0	0	0	0	---	---	15
16	---	0 B	0.395B	1.25	0.001	0.001	0	0	0	0	---	---	16
17	---	0.355B	0.270B	0.592	0.001	0.001	0	0	0	0	---	---	17
18	---	0.684B	0.175B	0.410	0.001	0.001	0	0	0	0	---	---	18
19	---	0.840B	0.120B	0.277	0.001	0.001	0	0	0	0	---	---	19
20	---	0.890B	0.095B	0.244	0.001	0.001	0	0	0	0	---	---	20
21	---	0.860B	0.060B	0.188	0.001	0.001	0	0	0	0	---	---	21
22	---	0.799	0.035B	0.148	0.006	0	0	0	0	0	---	---	22
23	---	0.380B	0.005B	0.116	0.015	0	0	0	0	0	---	---	23
24	---	0.113B	0.003B	0.118	0.006	0	0	0	0	0	---	---	24
25	---	0.077B	0.002B	0.194	0.002	0	0	0	0	0	---	---	25
26	---	0.075B	0.001B	0.213	0.001	0	0	0	0	0	---	---	26
27	---	0.080B	0.001B	0.155	0.001	0	0	0	0	0	---	---	27
28	---	0.060B	0.330B	0.099	0.001	0	0	0	0	0	---	---	28
29	---		0.450	0.071	0.113	0	0	0	0	0	---	---	29
30	---		0.600	0.056	0.770	0	0	0	0	0	---	---	30
31	---		0.795		1.33		0	0		0		---	31
TOTAL	---	5.213	7.368	16.637	2.380	20.822	0.043	0	0	0	---	---	TOTAL
MEAN	---	0.186	0.238	0.555	0.077	0.694	0.001	0	0	0	---	---	MEAN
MAX	---	0.890	1.11	2.75	1.33	5.01	0.020	0	0	0	---	---	MAX
MIN	---	0	0.001	0.056	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.193
MAXIMUM DAILY, 5.01 ON JUN 2
MINIMUM DAILY, 0 ON JUN 22
MAXIMUM INSTANTANEOUS,
5.92 AT 01:05 MST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 39 N
LONG 109 59 19 W
DRAINAGE AREA, 319 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.72
FEB	450	AUG	0
MAR	637	SEP	0
APR	1 440	OCT	0
MAY	206	NOV	---
JUN	1 800	DEC	---

TOTAL DISCHARGE, 4 090 dam³

BRADWELL INLET CANAL ABOVE BRADWELL RESERVOIR - STATION NO. 05NG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.040	0.154E	0.161E	0.325	0	---	---	1
2	---	---	0	0	0	0	0.140E	0.165E	0.325	0	---	---	2
3	---	---	0	0	0	0	0.125E	0.169	0.322	0	---	---	3
4	---	---	0	0	0	0	0.111E	0.169	0.490	0	---	---	4
5	---	---	0	0	0	0	0.096	0.164	0.489E	0	---	---	5
6	---	---	0	0	0	0	0.143	0.163	0.489E	0	---	---	6
7	---	---	0	0	0	0	0.196	0.168E	0.488	0	---	---	7
8	---	---	0	0	0	0	0.126	0.173E	0.486	0	---	---	8
9	---	---	0	0	0	0	0.207	0.177E	0.484	0	---	---	9
10	---	---	0	0	0	0	0.238E	0.182	0.688	0	---	---	10
11	---	---	0	0	0	0	0.269E	0.181	0.560	0	---	---	11
12	---	---	0	0	0.056	0	0.300	0.181	0.558	0	---	---	12
13	---	---	0	0	0.157	0	0.260E	0.165	0.690	0	---	---	13
14	---	---	0	0	0.157	0	0.220E	0.141E	0.782	0	---	---	14
15	---	---	0	0	0.151E	0	0.180E	0.116E	0.777	0	---	---	15
16	---	---	0	0	0.145E	0	0.141	0.091	0.775	0	---	---	16
17	---	---	0	0	0.139E	0.140	0.123E	0.169	0.784E	0	---	---	17
18	---	---	0	0	0.133	0.208	0.106E	0.433	0.793	0	---	---	18
19	---	---	0	0	0.155E	0.207E	0.088	0.431	0.793E	0	---	---	19
20	---	---	0	0	0.177	0.205E	0.119	0.404	0.660	0	---	---	20
21	---	---	0	0	0.141	0.203	0.118	0.387E	0.160	0	---	---	21
22	---	---	0	0	0.140E	0.202	0.170	0.370E	0	0	---	---	22
23	---	---	0	0	0.139E	0.176	0.117	0.354	0	0	---	---	23
24	---	---	0	0	0.137E	0.173	0.131E	0.470	0	0	---	---	24
25	---	---	0	0	0.136	0.152	0.145E	0.457	0	0	---	---	25
26	---	---	0	0	0.144	0.154	0.159	0.382	0	0	---	---	26
27	---	---	0	0	0.195	0.153E	0.150	0.381	0	0	---	---	27
28	---	---	0	0	0.161	0.153	0.150	0.369E	0	0	---	---	28
29	---		0	0	0.150E	0.170	0.150	0.356E	0	0	---	---	29
30	---		0	0	0.139E	0.169	0.154E	0.344	0	0	---	---	30
31	---		0		0.128		0.158E	0.335E		0		---	31
TOTAL	---	---	0	0	2.880	2.505	4.944	8.208	11.918	0	---	---	TOTAL
MEAN	---	---	0	0	0.093	0.084	0.159	0.265	0.397	0	---	---	MEAN
MAX	---	---	0	0	0.195	0.208	0.300	0.470	0.793	0	---	---	MAX
MIN	---	---	0	0	0	0	0.088	0.091	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.124
MAXIMUM DAILY, 0.793 ON SEP 18
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 54 36 N
LONG 106 13 54 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	427
FEB	---	AUG	709
MAR	0	SEP	1 030
APR	0	OCT	0
MAY	249	NOV	---
JUN	216	DEC	---

TOTAL DISCHARGE, 2 630 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

BRADWELL RESERVOIR AT PUMP STATION - STATION NO. 05HG013

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	530.090E	529.997E	529.910	529.820	529.801E	529.846E	529.704E	529.791E	529.927E	530.338	530.228	---	1
2	530.085E	529.994E	529.906E	529.818E	529.798E	529.850E	529.709E	529.791E	529.947E	530.339E	530.235E	---	2
3	530.090E	529.991E	529.902E	529.815E	529.795E	529.853E	529.715E	529.791E	529.966E	530.340E	530.243E	---	3
4	530.075E	529.987E	529.899E	529.813E	529.793E	529.857	529.720E	529.791E	529.985E	530.341	530.251	---	4
5	530.070E	529.984E	529.895E	529.811E	529.788	529.852E	529.726	529.791	530.004E	530.342E	530.264	---	5
6	530.065E	529.981E	529.891E	529.809E	529.784E	529.847E	529.731E	529.796	530.023E	530.343E	530.262E	---	6
7	530.060E	529.978E	529.887E	529.807	529.781E	529.841E	529.736E	529.709E	530.042	530.344	530.260E	---	7
8	530.055	529.974	529.883E	529.811	529.777E	529.836	529.742E	529.782E	530.060E	530.342E	530.259E	---	8
9	530.055E	529.970E	529.879	529.812E	529.773E	529.829E	529.747E	529.776	530.093E	530.340E	530.257	---	9
10	530.050E	529.965E	529.877E	529.812E	529.769E	529.822E	529.752E	529.772E	530.110E	530.338E	530.244E	---	10
11	530.054	529.961E	529.875E	529.813E	529.765E	529.814E	529.758E	529.768E	530.144E	530.335E	530.231E	---	11
12	530.051E	529.956E	529.873	529.814E	529.761E	529.807E	529.763E	529.765	530.169E	530.333E	530.218	---	12
13	530.049E	529.952E	529.869E	529.815E	529.757E	529.800E	529.768E	529.767E	530.194E	530.331	530.225E	---	13
14	530.047E	529.947E	529.865E	529.816E	529.753	529.792E	529.774E	529.769E	530.220E	530.331E	530.232E	---	14
15	530.044E	529.942	529.861E	529.817E	529.754E	529.785E	529.779	529.771E	530.245E	530.330	530.240E	---	15
16	530.042E	529.903E	529.858E	529.818	529.754E	529.778E	529.784E	529.774	530.270E	530.327E	530.247	---	16
17	530.039E	529.944E	529.854E	529.821E	529.754	529.771E	529.789E	529.784E	530.296	530.323E	530.235E	---	17
18	530.037E	529.945E	529.850E	529.824E	529.767E	529.763E	529.794	529.794E	530.317E	530.319E	530.222E	---	18
19	530.034E	529.905	529.846	529.827	529.780E	529.756E	529.794E	529.804E	530.339E	530.316E	530.210	---	19
20	530.032E	529.934E	529.845E	529.827E	529.793E	529.749E	529.793E	529.814	530.361E	530.312E	530.220E	---	20
21	530.029E	529.923E	529.843E	529.827E	529.806	529.741	529.793E	529.821E	530.383E	530.309E	530.230E	---	21
22	530.027E	529.912E	529.842E	529.827E	529.810E	529.741E	529.793E	529.829E	530.405	530.305E	530.240	---	22
23	530.025E	529.901E	529.840E	529.827	529.813E	529.740E	529.793E	529.836E	530.397E	530.302E	530.227E	---	23
24	530.022E	529.890E	529.839	529.823E	529.817E	529.739E	529.792E	529.844E	530.390E	530.298E	530.214E	---	24
25	530.020	529.879E	529.837E	529.820E	529.821E	529.739E	529.792E	529.851E	530.382E	530.294	530.201E	---	25
26	530.016E	529.868	529.836	529.817E	529.824E	529.738E	529.792E	529.859E	530.375E	530.293E	530.188	---	26
27	530.013E	529.882E	529.833E	529.814E	529.828E	529.737E	529.791E	529.867E	530.368E	530.291	530.196E	---	27
28	530.010E	529.896E	529.831E	529.811E	529.832E	529.737	529.791E	529.874E	530.360E	530.279E	530.205E	---	28
29	530.007E		529.828E	529.807E	529.835E	529.738E	529.791E	529.882E	530.353E	530.266E	530.213	---	29
30	530.004E		529.825E	529.804E	529.839E	529.699	529.790	529.889	530.345E	530.253E	530.215E	---	30
31	530.000E		529.823E		529.842E		529.791E	529.908E		530.240E		---	31
MEAN	530.042	529.944	529.861	529.817	529.792	529.786	529.767	529.811	530.216	530.316	530.230	---	MEAN
MAX	530.090	529.997	529.910	529.827	529.842	529.857	529.794	529.908	530.405	530.344	530.264	---	MAX
MIN	530.000	529.868	529.823	529.804	529.753	529.699	529.704	529.765	529.927	530.240	530.188	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 530.405 ON SEP 22
MINIMUM DAILY, 529.699 ON JUN 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 56 00 N
LONG 106 10 40 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRIDGE CREEK AT GULL LAKE - STATION NO. 05HA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.010B	0.829B	0.206	0.327	0.022	0.107	0	0	---	---	1
2	---	0 B	0.016B	0.406B	0.147	0.848	0.318	0.174	0	0	---	---	2
3	---	0 B	0.013B	0.097B	0.111	0.816	1.38	0.285	0	0	---	---	3
4	---	0 B	0.002B	0.044B	0.102	0.836	0.908	0.115	0	0	---	---	4
5	---	0 B	0.006B	0.020B	0.093	1.42	0.577	0.058	0	0	---	---	5
6	---	0 B	0.011B	0.017B	0.104	2.11	0.333	0.042	0	0	---	---	6
7	---	0 B	0.015B	0.013B	0.125	2.67	0.178	0.032	0	0	---	---	7
8	---	0 B	0.020B	0.013B	0.105	2.68	0.113	0.026	0	0	---	---	8
9	---	0 B	0.024B	0.008B	0.076	2.53	0.077	0.021	0	0	---	---	9
10	---	0 B	0.029B	0.063B	0.069	2.32	0.044	0.016	0	0	---	---	10
11	---	0 B	0.043B	0.529B	0.070	1.90	0.027	0.012	0	0	---	---	11
12	---	0 B	0.102B	0.146B	0.057	1.37	0.053	0.011	0	0	---	---	12
13	---	0 B	0.100B	0.069	0.048	0.920	0.161	0.008	0	0	---	---	13
14	---	0 B	0.801B	0.429	0.036	0.658	0.246	0.007	0	0	---	---	14
15	---	0 B	0.234B	0.895	0.026	0.507	0.274	0.006	0	0	---	---	15
16	---	0 B	0.143B	1.18	0.024	0.397	0.363	0.005	0	0	---	---	16
17	---	0 B	0.242B	1.59	0.022	0.305	0.500	0.007	0	0	---	---	17
18	---	0 B	0.121B	1.96	0.022	0.247	0.472	0.006	0	0	---	---	18
19	---	0.030B	0.074B	1.88	0.022	0.197	0.487	0.004	0	0	---	---	19
20	---	0.056B	0.031B	1.15	0.021	0.161	0.401	0.002	0	0	---	---	20
21	---	0.313B	0.031B	0.797	0.020	0.129	0.365	0.002	0	0	---	---	21
22	---	0.792B	0.019B	0.706	0.019	0.100	0.325	0.001	0	0	---	---	22
23	---	1.20 B	0.021B	0.663	0.018	0.080	0.285	0	0	0	---	---	23
24	---	0.298B	0.022B	0.630	0.016	0.058	0.253	0	0	0	---	---	24
25	---	0.093B	0.018B	0.550	0.013	0.043	0.213	0	0	0	---	---	25
26	---	0.024B	0.015B	0.461	0.011	0.032	0.208	0	0	0	---	---	26
27	---	0.014B	0.038B	0.374	0.014	0.028	0.219	0	0	0	---	---	27
28	---	0.008B	0.118B	0.294	0.021	0.028	0.192	0	0	0	---	---	28
29	---		0.420B	0.258	0.076	0.026	0.182	0	0	0	---	---	29
30	---		1.08 B	0.231	0.174	0.024	0.157	0	0	0	---	---	30
31	---		1.07 B		0.284		0.132	0		0		---	31
TOTAL	---	2.828	4.889	16.302	2.152	23.767	9.465	0.947	0	0	---	---	TOTAL
MEAN	---	0.101	0.158	0.543	0.069	0.792	0.305	0.031	0	0	---	---	MEAN
MAX	---	1.20	1.08	1.96	0.284	2.68	1.38	0.285	0	0	---	---	MAX
MIN	---	0	0.002	0.008	0.011	0.024	0.022	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.235
MAXIMUM DAILY, 2.68 ON JUN 8
MINIMUM DAILY, 0 ON AUG 23
MAXIMUM INSTANTANEOUS,
2.75 AT 20:37 CST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 36 N
LONG 108 29 38 W
DRAINAGE AREA, 378 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	818
FEB	244	AUG	81.8
MAR	422	SEP	0
APR	1 410	OCT	0
MAY	186	NOV	---
JUN	2 050	DEC	---

TOTAL DISCHARGE, 4 970 dam³

REMARKS - THERE WAS SOME RUNOFF IN FEBRUARY, OUTSIDE THE STANDARD PERIOD

BRIGHTSAND LAKE NEAR ST. WALBURG - STATION NO. 05BG010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	663.207	663.258	663.278	663.210	663.148	663.095E	---	1
2	---	---	---	---	---	663.202E	663.268E	663.279	663.205E	663.145E	663.090	---	2
3	---	---	---	---	---	663.197	663.278E	663.279E	663.200	663.142	663.086	---	3
4	---	---	---	---	---	663.196E	663.288	663.279	663.200	663.140E	663.084	---	4
5	---	---	---	---	---	663.195	663.293E	663.279	663.197E	663.137E	663.084	---	5
6	---	---	---	---	---	663.201E	663.298	663.279E	663.193E	663.138	663.084E	---	6
7	---	---	---	---	---	663.207	663.298	663.279	663.190	663.132	663.084E	---	7
8	---	---	---	---	---	663.207E	663.288	663.275E	663.190	663.136E	663.084E	---	8
9	---	---	---	---	---	663.207	663.288	663.272E	663.190E	663.139E	663.084	---	9
10	---	---	---	---	---	663.211E	663.283E	663.269	663.190	663.143	663.084E	---	10
11	---	---	---	---	---	663.214E	663.278	663.263	663.190E	663.146E	663.084E	---	11
12	---	---	---	---	---	663.217	663.283E	663.259	663.190	663.150E	663.084E	---	12
13	---	---	---	---	---	663.215E	663.288	663.259	663.191E	663.153	663.084	---	13
14	---	---	---	---	---	663.213	663.288E	663.259E	663.191	663.153E	---	---	14
15	---	---	---	---	---	663.207	663.288E	663.259	663.189	663.153	---	---	15
16	---	---	---	---	---	663.207E	663.288	663.259E	663.189E	663.153	---	---	16
17	---	---	---	---	---	663.207	663.298	663.259	663.190E	663.149	---	---	17
18	---	---	---	---	---	663.208	663.293E	663.259E	663.191	663.144E	---	---	18
19	---	---	---	---	---	663.208E	663.288	663.259	663.191	663.139E	---	---	19
20	---	---	---	---	---	663.208	663.288E	663.256E	663.188E	663.133	---	---	20
21	---	---	---	---	---	663.208	663.288E	663.252E	663.185E	663.134	---	---	21
22	---	---	---	---	---	663.214E	663.288	663.249	663.181	663.134	---	---	22
23	---	---	---	---	---	663.221E	663.285E	663.249	663.187	663.127E	---	---	23
24	---	---	---	---	---	663.228	663.282E	663.269	663.182E	663.120E	---	---	24
25	---	---	---	---	---	663.238E	663.278	663.245	663.177E	663.114	---	---	25
26	---	---	---	---	---	663.248E	663.278E	663.242E	663.172	663.115E	---	---	26
27	---	---	---	---	663.232	663.258	663.278E	663.239	663.170	663.117	---	---	27
28	---	---	---	---	663.207	663.258E	663.278	663.235E	663.164E	663.110E	---	---	28
29	---		---	---	663.207	663.258	663.282E	663.231	663.158E	663.104	---	---	29
30	---		---	---	663.207	663.258	663.285E	663.225E	663.152	663.102E	---	---	30
31	---		---		663.207E		663.288	663.220		663.100		---	31
MEAN	---	---	---	---	---	663.217	663.285	663.259	663.186	663.134	---	---	MEAN
MAX	---	---	---	---	---	663.258	663.298	663.279	663.210	663.153	---	---	MAX
MIN	---	---	---	---	---	663.195	663.258	663.220	663.152	663.100	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 663.298 ON JUL 6

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 38 36 N
LONG 108 50 46 W

E - ESTIMATED

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRIGHTWATER CREEK BELOW BRIGHTWATER RESERVOIR - STATION NO. 05HG016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	1.26 E	0	0	0	0	0	---	---	1
2	---	---	0	0	1.40 E	0	0	0	0	0	---	---	2
3	---	---	0	0	1.53	0	0	0	0	0	---	---	3
4	---	---	0	0	1.53	0	0	0	0	0	---	---	4
5	---	---	0	0	2.23	0	0	0	0	0	---	---	5
6	---	---	0	0	0.900	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0.140	0	0	0	0	0	---	---	10
11	---	---	0	0	1.50	0	0	0	0	0	---	---	11
12	---	---	0	0	2.54	0	0	0	0	0	---	---	12
13	---	---	0	1.40	2.57	0	0	0	0	0	---	---	13
14	---	---	0	2.89	2.59	0	0	0	0	0	---	---	14
15	---	---	0	3.64	2.58 E	0	0	0	0	0	---	---	15
16	---	---	0	4.56	2.58 E	0	0	0	0	0	---	---	16
17	---	---	0	4.54E	2.57	0	0	0	0	0	---	---	17
18	---	---	0	4.52E	2.57	0	0	0	0	0	---	---	18
19	---	---	0	4.50	2.57	0	0	0	0	0	---	---	19
20	---	---	0	5.54	2.56	0	0	0	0	0	---	---	20
21	---	---	0	5.25	1.00	0	0	0	0	0	---	---	21
22	---	---	0	5.47	0	0	0	0	0	0	---	---	22
23	---	---	0	5.37	0	0	0	0	0	0	---	---	23
24	---	---	0	5.25E	0	0	0	0	0	0	---	---	24
25	---	---	0	5.13E	0	0	0	0	0	0	---	---	25
26	---	---	0	5.01	0	0	0	0	0	0	---	---	26
27	---	---	0	2.71	0	0	0	0	0	0	---	---	27
28	---	---	0	1.11	0	0	0	0	0	0	---	---	28
29	---		0	1.12	0	0	0	0	0	0	---	---	29
30	---		0	1.13	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	69.14	34.620	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	2.30	1.12	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	5.54	2.59	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.424
MAXIMUM DAILY, 5.54 ON APR 20
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 37 08 N
LONG 106 32 42 W
DRAINAGE AREA, 1 530 km²

E - ESTIMATED
REGULATED SINCE 1967

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	5 970	OCT	0
MAY	2 990	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 8 960 dam³

BRIGHTWATER CREEK NEAR KENASTON - STATION NO. 05HG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.085	0.527	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.215	0.386	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.196	0.283	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.172	0.221	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.155	0.181	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.136	0.151	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.133	0.123	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.117	0.095	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.091	0.082	0	0	0	0	---	---	9
10	---	---	0B	0.075B	0.066	0.075	0	0	0	0	---	---	10
11	---	---	0B	0.200B	0.049	0.064	0	0	0	0	---	---	11
12	---	---	0B	1.25 B	0.030	0.054	0	0	0	0	---	---	12
13	---	---	0B	6.37 A	0.019	0.048	0	0	0	0	---	---	13
14	---	---	0B	5.48	0.014	0.041	0	0	0	0	---	---	14
15	---	---	0B	2.70	0.008	0.036	0	0	0	0	---	---	15
16	---	---	0B	1.36	0.005	0.029	0	0	0	0	---	---	16
17	---	---	0B	0.926	0.004	0.018	0	0	0	0	---	---	17
18	---	---	0B	0.651	0.004	0.015	0	0	0	0	---	---	18
19	---	---	0B	0.486	0.003	0.003	0	0	0	0	---	---	19
20	---	---	0B	0.361	0.008	0.001	0	0	0	0	---	---	20
21	---	---	0B	0.295	0.009	0	0	0	0	0	---	---	21
22	---	---	0B	0.237	0.007	0	0	0	0	0	---	---	22
23	---	---	0B	0.360	0.008	0	0	0	0	0	---	---	23
24	---	---	0B	0.201	0.005	0	0	0	0	0	---	---	24
25	---	---	0B	0.114	0.003	0	0	0	0	0	---	---	25
26	---	---	0B	0.072	0.002	0	0	0	0	0	---	---	26
27	---	---	0B	0.051	0.001	0	0	0	0	0	---	---	27
28	---	---	0B	0.041	0.002	0	0	0	0	0	---	---	28
29	---		0B	0.030	0.060	0	0	0	0	0	---	---	29
30	---		0B	0.030	0.097	0	0	0	0	0	---	---	30
31	---		0B		0.107		0	0		0		---	31
TOTAL	---	---	0	21.290	1.811	2.433	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.710	0.058	0.081	0	0	0	0	---	---	MEAN
MAX	---	---	0	6.37	0.215	0.527	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.104
MAXIMUM DAILY, 6.37A ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
9.84 AT 17:24 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 45 N
LONG 106 30 03 W
DRAINAGE AREA, 898 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 840	OCT	0
MAY	156	NOV	---
JUN	210	DEC	---

TOTAL DISCHARGE, 2 210 dam³

BRIGHTWATER CREEK NEAR PROCTOR LAKE - STATION NO. 05HG020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.091	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.288	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.528	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.899	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	1.23	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	1.41	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.489	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0.010B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0.175B	0.060	0	0	0	0	0	---	---	12
13	---	---	0B	0.303	0.362	0	0	0	0	0	---	---	13
14	---	---	0B	1.85	0.475	0	0	0	0	0	---	---	14
15	---	---	0B	3.94	0.495	0	0	0	0	0	---	---	15
16	---	---	0B	4.91	0.577	0	0	0	0	0	---	---	16
17	---	---	0B	5.15	0.589	0	0	0	0	0	---	---	17
18	---	---	0B	4.49	0.608	0	0	0	0	0	---	---	18
19	---	---	0B	4.48	0.593	0	0	0	0	0	---	---	19
20	---	---	0B	4.70	0.660	0	0	0	0	0	---	---	20
21	---	---	0B	4.79	0.660	0	0	0	0	0	---	---	21
22	---	---	0B	4.76	0.061	0	0	0	0	0	---	---	22
23	---	---	0B	4.71	0	0	0	0	0	0	---	---	23
24	---	---	0B	4.64	0	0	0	0	0	0	---	---	24
25	---	---	0B	4.59	0	0	0	0	0	0	---	---	25
26	---	---	0B	3.94	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.680	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---		0B	0.012	0	0	0	0	0	0	---	---	29
30	---		0B	0.025	0	0	0	0		0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	58.155	10.076	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.94	0.325	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	5.15	1.41	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.278
MAXIMUM DAILY, 5.15 ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
7.04 AT 08:12 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 49 N
LONG 106 35 38 W
DRAINAGE AREA, 1 750 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	5 020	OCT	0
MAY	871	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 5 890 dam³

BRIGHTWATER RESERVOIR AT RIPARIAN OUTLET - STATION NO. 05NG006

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	545.188	545.185	545.169	545.368	544.205E	544.960	544.973E	545.028E	545.306	545.276	545.306	545.286	1
2	545.188E	545.182E	545.169E	545.386	544.232E	544.986	544.972	545.017E	545.242	545.298E	545.306E	545.286E	2
3	545.187E	545.180	545.169	545.403E	544.260	544.983E	544.969E	545.005	545.186	545.321E	545.306	545.286	3
4	545.187	545.180E	545.169E	545.420E	544.257	544.980	544.966E	545.015	545.132E	545.344	545.301E	545.286E	4
5	545.187E	545.180	545.169	545.437	544.312	544.980E	544.962	545.017	545.078E	545.346	545.296	545.286E	5
6	545.187	545.180E	545.169E	545.442E	544.403	544.980E	544.962	545.020	545.024E	545.356	545.296E	545.286	6
7	545.187E	545.180E	545.169E	545.446	544.626	544.980E	544.972	545.032E	544.971	545.351E	545.296E	545.286E	7
8	545.187	545.180	545.168	545.453	544.684E	544.980	544.957	545.044E	544.952	545.346	545.296E	545.286	8
9	545.187E	545.180E	545.168E	545.481E	544.741E	544.965	544.964	545.055	544.829	545.345E	545.296	545.284E	9
10	545.186E	545.180E	545.168	545.510E	544.799	544.940	544.951E	545.065	544.766	545.343E	545.297	545.281	10
11	545.186	545.180E	545.168E	545.538E	545.208	544.912	544.938E	545.055	544.651	545.342E	545.297E	545.281E	11
12	545.186E	545.180	545.167	545.566	545.278	544.886E	544.925	545.086	544.651E	545.341	545.297	545.281E	12
13	545.186	545.179E	545.167E	545.788	545.281	544.861E	544.927	545.105	544.651	545.341	545.297E	545.281	13
14	545.184E	545.178E	545.167E	545.995E	545.293	544.835	544.927	545.129E	544.631	545.339E	545.296E	545.281E	14
15	545.182	545.177	545.167	546.201	545.245E	544.812	544.965	545.152E	544.636	545.338	545.296E	545.281	15
16	545.183E	545.177E	545.162	546.186	545.198E	544.812	544.985	545.175	544.666	545.337E	545.296	545.283	16
17	545.184E	545.177	545.167	546.096E	545.150	544.820E	545.014E	545.200	544.751	545.336E	545.300	545.283E	17
18	545.185	545.177E	545.167E	546.005E	545.256	544.827	545.042E	545.236	544.758E	545.335	545.296E	545.283E	18
19	545.185E	545.177	545.167	545.915	544.865	544.850E	545.070	545.246E	544.765E	545.331E	545.296	545.283E	19
20	545.185E	545.175E	545.167E	545.750	545.058	544.872E	545.080	545.255	544.773	545.328	545.295E	545.283	20
21	545.185E	545.173E	545.167E	545.592	544.921	544.895	545.086	545.287E	544.773	545.329E	545.293E	545.282E	21
22	545.185	545.171	545.166	545.222	544.908E	544.913	545.112	545.318E	544.784	545.331	545.292E	545.281	22
23	545.185E	545.171	545.166E	545.226	544.896E	544.930	545.095	545.349	544.801	545.331E	545.290E	545.281E	23
24	545.185E	545.171	545.166	545.025E	544.883E	544.944E	545.084E	545.371	544.843	545.331E	545.289	545.281	24
25	545.185	545.171E	545.169E	544.823E	544.870	544.957	545.072E	545.382	544.883E	545.331	545.289E	545.281E	25
26	545.185E	545.171	545.171	544.622	544.818	544.961E	545.060E	545.391	544.923E	545.323E	545.289	545.281E	26
27	545.185E	545.171E	545.191E	544.635	544.781	544.966E	545.048	545.405	544.964	545.316	545.288E	545.281E	27
28	545.185	545.170E	545.211E	544.595	544.800	544.970	545.030	545.412E	545.001	545.313E	545.288E	545.281	28
29	545.185E		545.231	544.229	544.839	544.972	545.030	545.419E	545.098	545.311	545.287E	545.280E	29
30	545.185E		545.272E	544.177	544.893E	544.974	545.050	545.426	545.178	545.308E	545.286	545.279	30
31	545.185E		545.313		544.947		545.039E	545.367		545.305E		545.279	31
MEAN	545.186	545.177	545.180	545.385	544.835	544.923	545.007	545.196	544.889	545.330	545.295	545.283	MEAN
MAX	545.188	545.185	545.313	546.201	545.293	544.986	545.112	545.426	545.306	545.356	545.306	545.286	MAX
MIN	545.182	545.170	545.162	544.177	544.205	544.812	544.925	545.005	544.631	545.276	545.286	545.279	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 545.140
MAXIMUM DAILY, 546.201 ON APR 15
MINIMUM DAILY, 544.177 ON APR 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 36 47 N
LONG 106 32 09 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRODERICK IRRIGATION PROJECT MAIN CANAL BELOW PUMPING STATION - STATION NO. 05HF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	9.18	11.0	3.10	0	---	---	1
2	---	---	0	0	0	0	10.2	11.0	0	0	---	---	2
3	---	---	0	0	3.44	0	10.2	11.0	1.46	0	---	---	3
4	---	---	0	0	4.85	0	10.3	11.0	0.828	0	---	---	4
5	---	---	0	0	4.85	0	10.3	11.0	0.828	0	---	---	5
6	---	---	0	0	4.85	0	10.3	11.0	0	0	---	---	6
7	---	---	0	0	4.85	0	10.4	11.0	1.66	0	---	---	7
8	---	---	0	0	4.85	0	10.4	11.0	3.51	0	---	---	8
9	---	---	0	0	4.87	0	10.5	7.41	4.97	0	---	---	9
10	---	---	0	0	4.87	0	10.5	6.21	4.97	0	---	---	10
11	---	---	0	0	4.87	2.27	10.6	6.22	4.95	0	---	---	11
12	---	---	0	0	4.87	1.23	10.6	6.22	4.94	0	---	---	12
13	---	---	0	0	4.87	0.700	10.7	6.22	4.94	0	---	---	13
14	---	---	0	0	7.71	0	10.7	6.22	4.94	0	---	---	14
15	---	---	0	0	8.88	3.98	10.8	6.22	4.94	0	---	---	15
16	---	---	0	0	8.91	5.31	10.8	6.22	4.94	0	---	---	16
17	---	---	0	0	8.91	5.33	10.8	4.75	4.94	0	---	---	17
18	---	---	0	0	8.92	5.35	10.9	4.98	4.94	0	---	---	18
19	---	---	0	0	8.95	5.37	8.27	4.98	4.94	0	---	---	19
20	---	---	0	0	8.95	5.40	6.05	4.97	4.94	0	---	---	20
21	---	---	0	0	6.08	5.41	6.07	4.98	4.94	0	---	---	21
22	---	---	0	0	4.90	5.44	6.07	4.98	4.94	0	---	---	22
23	---	---	0	0	4.90	5.47	6.08	2.48	4.94	0	---	---	23
24	---	---	0	0	4.90	5.48	6.10	0.257	4.94	0	---	---	24
25	---	---	0	0	4.90	5.50	6.11	0	4.94	0	---	---	25
26	---	---	0	0	1.43	5.53	9.58	0	4.93	0	---	---	26
27	---	---	0	0	0	5.54	10.9	0	4.93	0	---	---	27
28	---	---	0	0	0	5.55	10.9	0	4.93	0	---	---	28
29	---		0	0	0	5.58	10.9	0	4.85	0	---	---	29
30	---		0	0	0	5.61	10.9	0	3.34	0	---	---	30
31	---		0		0		11.0	0		0		---	31
TOTAL	---	---	0	0	140.38	90.050	297.11	171.317	118.416	0	---	---	TOTAL
MEAN	---	---	0	0	4.53	3.00	9.58	5.53	3.95	0	---	---	MEAN
MAX	---	---	0	0	8.95	5.61	11.0	11.0	4.97	0	---	---	MAX
MIN	---	---	0	0	0	0	6.05	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.34
MAXIMUM DAILY, 11.0 ON JUL 31
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 07 N
LONG 106 50 10 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25 700
FEB	---	AUG	14 800
MAR	0	SEP	10 200
APR	0	OCT	0
MAY	12 100	NOV	---
JUN	7 780	DEC	---

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

REGULATED

TOTAL DISCHARGE, 70 600 dam³

BRODERICK RESERVOIR AT WEST ENBANKMENT - STATION NO. 05HF017

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	562.627	562.675	562.733	563.491	562.736	561.977	562.093	562.828	562.829A	---	1
2	---	---	562.626	562.672	562.734	563.492	562.765	561.920	562.070	562.843	---	---	2
3	---	---	562.627	562.673	562.727	563.493	562.804	561.888	562.052	562.849	---	---	3
4	---	---	562.624	562.674	562.719	563.495	562.853	561.909	562.028	562.845	---	---	4
5	---	---	562.627	562.674	562.715	563.493	562.905	561.961	562.012	562.830	---	---	5
6	---	---	562.625	562.676	562.719	563.484	562.938	562.045	561.995	562.824	---	---	6
7	---	---	562.626A	562.679	562.726	563.474	562.940	562.155A	561.973	562.830	---	---	7
8	---	---	562.623E	562.676	562.733	563.468	562.920A	562.295A	561.969	562.847	---	---	8
9	---	---	562.620A	562.681	562.729	563.466	562.896A	562.326A	562.041	562.855	---	---	9
10	---	---	562.621	562.677	562.731	563.459	562.869	562.307A	562.142	562.855	---	---	10
11	---	---	562.622	562.687	562.734	563.461	562.826	562.266A	562.227	562.853	---	---	11
12	---	---	562.624	562.691	562.740	563.455	562.784	562.246A	562.318	562.853	---	---	12
13	---	---	562.621	562.702	562.747	563.426	562.710	562.237A	562.385	562.852	---	---	13
14	---	---	562.624	562.716	562.758	563.389	562.631A	562.236A	562.419	562.856	---	---	14
15	---	562.632A	562.622	562.719	562.825	563.355	562.735	562.248A	562.419	562.855	---	---	15
16	---	562.632	562.625	562.723	562.898	563.370	562.863	562.278A	562.416	562.852	---	---	16
17	---	562.634	562.630	562.725	562.976	563.375	562.989	562.319A	562.474	562.854	---	---	17
18	---	562.633	562.629	562.726	563.057	563.373	563.099	562.339A	562.540	562.851	---	---	18
19	---	562.636	562.630	562.731	563.167	563.369	563.202	562.374A	562.601	562.846	---	---	19
20	---	562.637	562.627	562.735	563.292	563.353	563.220	562.397A	562.660	562.845	---	---	20
21	---	562.636	562.628	562.738	563.400	563.351	563.208	562.417A	562.710	562.845	---	---	21
22	---	562.632	562.627	562.742	563.444	563.330	563.140	562.449A	562.753	562.842	---	---	22
23	---	562.629	562.630	562.743	563.486	563.287	563.047	562.410A	562.764	562.845	---	---	23
24	---	562.630	562.626	562.738	563.532	563.214	562.909A	562.347A	562.763	562.844	---	---	24
25	---	562.627	562.626	562.733	563.569	563.143	562.798A	562.299A	562.743	562.845	---	---	25
26	---	562.629	562.624	562.736	563.581	563.077	562.681E	562.256A	562.730	562.845	---	---	26
27	---	562.630	562.624	562.737	563.529	563.027	562.529A	562.212A	562.711	562.843	---	---	27
28	---	562.628	562.633	562.735	563.510	562.979	562.393A	562.186A	562.724	562.840	---	---	28
29	---		562.652	562.730	563.492	562.896A	562.274	562.170A	562.777	562.836	---	---	29
30	---		562.661	562.733	563.485	562.803A	562.168	562.145A	562.822	562.829	---	---	30
31	---		562.666		563.487		562.068	562.119		562.827		---	31
MEAN	---	---	562.629	562.709	563.064	563.328	562.803	562.217	562.411	562.844	---	---	MEAN
MAX	---	---	562.666	562.743	563.581	563.495	563.220	562.449	562.822	562.856	---	---	MAX
MIN	---	---	562.620	562.672	562.715	562.803	562.068	561.888	561.969	562.824	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 563.581 ON MAY 26
MINIMUM DAILY, 561.888 ON AUG 3
MAXIMUM INSTANTANEOUS,
563.593 AT 07:23 CST ON MAY 26

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 27 55 N
LONG 106 55 18 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

BROKENSHELL CREEK NEAR TROSSACHS - STATION NO. 05JE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.154	0.068	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.104	0.050	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.073	0.031	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.059	0.020	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.049	0.015	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.044	0.009	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.041	0.005	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.032	0.003	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.026	0.001	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.027	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.025	0	0	0	0	0	---	---	11
12	---	---	0B	0.026B	0.023	0	0	0	0	0	---	---	12
13	---	---	0B	2.88 B	0.023	0	0	0	0	0	---	---	13
14	---	---	0B	9.81	0.020	0	0	0	0	0	---	---	14
15	---	---	0B	22.2	0.019	0	0.941	0	0	0	---	---	15
16	---	---	0B	12.9	0.023	0	3.64	0	0	0	---	---	16
17	---	---	0B	14.4	0.021	0	18.7	0	0	0	---	---	17
18	---	---	0B	9.71	0.016	0	2.92	0	0	0	---	---	18
19	---	---	0B	4.99	0.012	0	0.844	0	0	0	---	---	19
20	---	---	0B	2.41	0.009	0	0.348	0	0	0	---	---	20
21	---	---	0B	1.66	0.009	0	0.128	0	0	0	---	---	21
22	---	---	0B	1.72	0.007	0	0.075	0	0	0	---	---	22
23	---	---	0B	2.20	0.007	0	0.051	0	0	0	---	---	23
24	---	---	0B	1.85	0.006	0	0.029	0	0	0	---	---	24
25	---	---	0B	1.21	0.005	0	0.016	0	0	0	---	---	25
26	---	---	0B	0.640	0.004	0	0.008	0	0	0	---	---	26
27	---	---	0B	0.397	0.003	0	0.005	0	0	0	---	---	27
28	---	---	0B	0.323	0.004	0	0.003	0	0	0	---	---	28
29	---		0B	0.278	0.020	0	0.002	0	0	0	---	---	29
30	---		0B	0.233	0.042	0	0.001	0		0	---	---	30
31	---		0B		0.053		0	0		0		---	31
TOTAL	---	---	0	89.837	0.960	0.198	27.711	0	0	0	---	---	TOTAL
MEAN	---	---	0	2.99	0.031	0.007	0.894	0	0	0	---	---	MEAN
MAX	---	---	0	22.2	0.154	0.068	18.7	0	0	0	---	---	MAX
MIN	---	---	0	0	0.003	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.485
MAXIMUM DAILY, 22.2 ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
27.8 AT 04:56 CST ON JUL 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 104 13 07 W
DRAINAGE AREA, 153 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 390
FEB	---	AUG	0
MAR	0	SEP	0
APR	7 760	OCT	0
MAY	82.9	NOV	---
JUN	17.1	DEC	---

TOTAL DISCHARGE, 10 300 dam³

BUFFALO POUND LAKE AT PUMPING STATION - STATION NO. 05JG009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	509.326	509.291	509.260	509.242	510.640	510.115	509.790	509.549	509.332	509.358	509.405	509.429	1
2	509.325	509.289	509.259	509.242	510.628	510.113	509.818	509.553	509.317	509.386	509.419	509.432	2
3	509.325	509.286	509.260	509.241	510.613	510.112	509.826	509.531	509.309	509.391	509.408	509.433	3
4	509.327	509.285	509.259	509.237	510.610	510.109	509.803	509.517	509.315	509.412	509.386	509.432	4
5	509.326	509.284	509.260	509.234	510.576	510.111	509.796	509.507	509.293	509.391	509.375	509.431	5
6	509.324	509.283	509.259	509.232	510.553	510.126	509.803	509.501	509.318	509.375	509.405	509.431	6
7	509.324	509.281	509.260	509.234	510.445	510.099	509.776	509.513	509.309	509.385	509.403	509.428	7
8	509.322	509.278	509.262	509.234	510.368	510.078	509.761	509.469	509.315	509.408	509.398	509.423	8
9	509.320	509.275	509.263	509.235	510.302	510.077	509.760	509.439	509.317	509.418	509.402	509.427	9
10	509.318	509.275	509.263	509.233	510.245	510.060	509.755	509.405	509.326	509.403	509.407	509.424	10
11	509.316	509.273	509.261	509.236	510.171	510.045	509.746	509.390	509.317	509.399	509.428	509.422	11
12	509.315	509.272	509.264	509.249	510.103	510.032	509.730	509.432	509.320	509.406	509.408	509.425	12
13	509.314	509.272	509.262	509.281	510.080	510.027	509.711	509.407	509.318	509.402	509.409	509.424	13
14	509.316	509.274	509.259	509.361	510.072	510.015	509.669	509.413	509.308	509.415	509.410	509.423	14
15	509.310	509.270	509.260	509.610	510.056	510.007	509.706	509.401	509.307	509.398	509.415	509.421	15
16	509.306	509.269	509.260	509.910	510.057	510.002	509.718	509.380	509.322	509.376	509.417	509.420	16
17	509.307	509.271	509.264	510.125	510.058	509.977	509.712	509.374	509.319	509.405	509.419	509.422	17
18	509.308	509.271	509.266	510.269	510.054	509.973	509.670	509.381	509.336	509.397	509.424	509.421	18
19	509.305	509.270	509.265	510.395	510.041	509.975	509.672	509.377	509.324	509.404	509.428	509.420	19
20	509.302	509.267	509.266	510.473	510.042	509.940	509.666	509.363	509.321	509.393	509.427	509.417	20
21	509.300	509.267	509.267	510.520	510.052	509.930	509.632	509.358	509.318	509.394	509.427	509.420	21
22	509.300	509.265	509.268	510.552	510.046	509.916	509.621	509.367	509.340	509.384	509.426	509.427	22
23	509.300	509.262	509.265	510.578	510.063	509.928	509.645	509.359	509.336	509.398	509.427	509.431	23
24	509.302	509.262	509.263	510.606	510.059	509.889	509.645	509.350	509.320	509.399	509.430	509.430	24
25	509.302	509.265	509.261	510.623	510.044	509.870	509.623	509.338	509.340	509.394	509.430	509.430	25
26	509.300	509.262	509.254	510.643	510.061	509.860	509.616	509.343	509.334	509.396	509.429	509.430	26
27	509.297	509.261	509.250	510.653	510.056	509.846	509.610	509.302	509.319	509.416	509.429	509.431	27
28	509.293	509.261	509.249	510.660	510.092	509.836	509.613	509.298	509.365	509.416	509.428	509.429	28
29	509.293		509.252	510.685	510.088	509.828	509.588	509.316	509.390	509.451	509.429	509.429	29
30	509.291		509.249	510.663	510.123	509.796	509.574	509.290	509.377	509.406	509.430	509.430	30
31	509.290		509.245		510.124		509.566	509.319		509.398		509.431	31
MEAN	509.310	509.273	509.260	509.882	510.210	509.990	509.697	509.405	509.326	509.399	509.416	509.427	MEAN
MAX	509.327	509.291	509.268	510.685	510.640	510.126	509.826	509.553	509.390	509.451	509.430	509.433	MAX
MIN	509.290	509.261	509.245	509.232	510.041	509.796	509.566	509.290	509.293	509.358	509.375	509.417	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 509.551
MAXIMUM DAILY, 510.685 ON APR 29
MINIMUM DAILY, 509.232 ON APR 6
MAXIMUM INSTANTANEOUS,
510.748 AT 15:41 CST ON APR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 105 23 10 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET-UP

BURNTOUT BROOK NEAR ARBORFIELD - STATION NO. 05KB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.654	2.61	0	0	0	0	0.009B	---	1
2	---	---	0B	0 B	0.514	2.23	0	0	0	0	0.009B	---	2
3	---	---	0B	0 B	0.416	1.49	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.281	1.11	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.206	0.840	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.158	0.633	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.175	0.463	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.217	0.349	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.179	0.268	0	0	0	0.100	---	---	9
10	---	---	0B	0 B	0.119	0.186	0	0	0	0.229	---	---	10
11	---	---	0B	0 B	0.099	0.139	0	0	0	0.111	---	---	11
12	---	---	0B	0 B	0.081	0.083	0	0	0	0	---	---	12
13	---	---	0B	0 B	0.125	0.045	0	0	0	0	---	---	13
14	---	---	0B	0.050B	0.159	0.019	0	0	0	0	---	---	14
15	---	---	0B	7.29 B	0.137	0.103	0	0	0	0	---	---	15
16	---	---	0B	15.1	0.151	0.079	0	0	0	0	---	---	16
17	---	---	0B	11.2	0.202	0.045	0	0	0	0	---	---	17
18	---	---	0B	11.2	0.165	0	0	0	0	0.063	---	---	18
19	---	---	0B	10.0	0.153	0	0	0	0	0.009	---	---	19
20	---	---	0B	8.57	0.132	0.045	0	0	0	0	---	---	20
21	---	---	0B	6.32	0.165	0.230	0	0	0	0	---	---	21
22	---	---	0B	5.10 E	0.171	0.222	0	0	0	0	---	---	22
23	---	---	0B	4.17 E	0.181	0.236	0	0	0	0	---	---	23
24	---	---	0B	3.26 A	0.119	0.185	0	0	0	0	---	---	24
25	---	---	0B	2.47	0.181	0.112	0	0	0	0	---	---	25
26	---	---	0B	1.96	0.053	0.011	0	0	0	0.083	---	---	26
27	---	---	0B	1.56	0.075	0.092	0	0	0	0.175	---	---	27
28	---	---	0B	1.24	0.117	0.071	0	0	0	0.116	---	---	28
29	---		0B	1.02	0.284	0.023	0	0	0	0.098	---	---	29
30	---		0B	0.848	1.68	0	0	0	0	0.050	---	---	30
31	---		0B		3.19		0	0		0.028		---	31
TOTAL	---	---	0	91.358	10.459	11.919	0	0	0	1.062	---	---	TOTAL
MEAN	---	---	0	3.05	0.337	0.397	0	0	0	0.034	---	---	MEAN
MAX	---	---	0	15.1	3.19	2.61	0	0	0	0.229	---	---	MAX
MIN	---	---	0	0	0.053	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.469
MAXIMUM DAILY, 15.1 ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
18.1 AT 05:56 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 06 16 N
LONG 103 40 45 W
DRAINAGE AREA, 305 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	7 890	OCT	91.8
MAY	904	NOV	---
JUN	1 030	DEC	---

TOTAL DISCHARGE, 9 920 dam³

CANDLE LAKE AT CANDLE LAKE - STATION NO. 05KE008

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	494.255E	494.278E	494.331	494.368E	494.338	494.330	494.342	494.288	---	---	1
2	---	---	494.256E	494.279E	494.337	494.367E	494.370	494.339	494.348	494.289	---	---	2
3	---	---	494.256E	494.280E	494.337	494.366E	494.372	494.322	494.348	494.279	---	---	3
4	---	---	494.257E	494.281E	494.337	494.365E	494.362	494.320	494.341	494.289	---	---	4
5	---	---	494.257E	494.282A	494.340	494.364E	494.358	494.319	494.335	494.297	---	---	5
6	---	---	494.258E	494.284	494.341	494.363E	494.401	494.321	494.340	494.291	---	---	6
7	---	---	494.259E	494.284	494.344	494.362E	494.384	494.337	494.335	494.283	---	---	7
8	---	---	494.260E	494.285	494.348	494.361E	494.369	494.309	494.334	494.305	---	---	8
9	---	---	494.261E	494.285	494.347	494.360E	494.372	494.307	494.331	494.298	---	---	9
10	---	---	494.262E	494.285	494.349	494.359E	494.369	494.297	494.332	494.304	---	---	10
11	---	---	494.262E	494.284	494.358	494.358E	494.369	494.293	494.330	494.305	---	---	11
12	---	---	494.263E	494.284	494.355	494.357E	494.373	494.329	494.324	494.304	---	---	12
13	---	---	494.264E	494.280	494.352	494.356E	494.364	494.340	494.316	494.311	---	---	13
14	---	---	494.265E	494.280	494.351	494.355E	494.363	494.346	494.316	494.309	---	---	14
15	---	---	494.265E	494.282	494.352	494.354E	494.377	494.351	494.314	494.300	---	---	15
16	---	---	494.266E	494.282	494.353	494.353E	494.371	494.347	494.310	494.295	---	---	16
17	---	---	494.267E	494.282	494.353	494.352E	494.372	494.347	494.318	494.301	---	---	17
18	---	---	494.268E	494.283	494.353	494.351E	494.367	494.349	494.313	494.308	---	---	18
19	---	---	494.268E	494.283	494.350	494.350E	494.372	494.349	494.309	494.311	---	---	19
20	---	---	494.269E	494.287	494.356	494.349E	494.378	494.353	494.313	494.316	---	---	20
21	---	---	494.270E	494.293	494.362	494.348A	494.355	494.353	494.315	494.319	---	---	21
22	---	---	494.271E	494.299	494.365	494.366	494.374	494.350	494.309	494.305	---	---	22
23	---	---	494.272E	494.304	494.369	494.424	494.353	494.352	494.309	494.315	---	---	23
24	---	---	494.273E	494.303	494.374	494.410	494.351	494.343	494.311	494.325	---	---	24
25	---	---	494.273E	494.307	494.375A	494.394	494.336	494.340	494.309	494.322	---	---	25
26	---	---	494.274E	494.314	494.374E	494.405	494.332	494.335	494.297	494.319	---	---	26
27	---	---	494.274E	494.320	494.373E	494.362	494.332	494.325	494.287	494.318	---	---	27
28	---	---	494.275E	494.324	494.372E	494.357	494.342	494.323	494.298	494.321	---	---	28
29	---		494.276E	494.326	494.371E	494.354	494.331	494.331	494.290	494.337	---	---	29
30	---		494.276E	494.331	494.370E	494.341	494.329	494.335	494.288	494.338	---	---	30
31	---		494.277E		494.369E		494.329	494.341		494.339		---	31
MEAN	---	---	494.266	494.292	494.355	494.364	494.360	494.333	494.319	494.308	---	---	MEAN
MAX	---	---	494.277	494.331	494.375	494.424	494.401	494.353	494.348	494.339	---	---	MAX
MIN	---	---	494.255	494.278	494.331	494.341	494.329	494.293	494.287	494.279	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 494.424 ON JUN 23

MAXIMUM INSTANTANEOUS,
494.453 AT 08:09 CST ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 46 10 N
LONG 105 18 14 W

A - MANUAL GAUGE

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUN

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET-UP

CANOE RIVER NEAR BEAUVAL - STATION NO. 06BB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26 B	0.351B	0.074B	0.110B	6.50B	18.2	8.69	5.53	5.95E	8.12	10.4	6.92B	1
2	1.22 B	0.339B	0.072B	0.127B	7.80B	17.8	8.70	5.45	6.00E	8.23	9.74B	6.74B	2
3	1.18 B	0.318B	0.071B	0.115B	9.00B	18.0	9.04	5.81	6.05E	8.21	7.61B	6.55B	3
4	1.11 B	0.303B	0.067B	0.100B	10.5 B	17.9	9.05	6.13	6.15E	8.15	11.8 B	6.37B	4
5	1.06 B	0.289B	0.066B	0.100B	12.0 B	17.1	9.03	6.27	6.20E	8.29	11.2 B	6.27B	5
6	1.03 B	0.261B	0.066B	0.110B	13.5	17.1	9.07	6.27	6.25E	8.45	9.98B	6.25B	6
7	0.986B	0.252B	0.065B	0.120B	15.0	17.4	8.81	6.17	6.30E	8.49	7.89B	6.21B	7
8	0.936B	0.250B	0.065B	0.130B	16.5	17.7	8.28	5.94	6.35E	8.49	7.04B	6.33B	8
9	0.893B	0.244B	0.064B	0.140B	17.8 A	17.9	7.91	5.74	6.40E	8.57	8.41B	6.32B	9
10	0.850B	0.235B	0.064B	0.150B	19.0	17.5	7.66	5.47	6.45E	8.70	10.8 B	6.19B	10
11	0.814B	0.224B	0.064B	0.170B	19.4	17.1	7.48	5.32	6.50E	8.80	10.5 B	6.07B	11
12	0.743B	0.215B	0.064B	0.200B	19.8	16.8	7.22	5.35	6.55E	8.90	10.6 B	5.90B	12
13	0.677B	0.201B	0.064B	0.215B	20.3	16.2	6.82	5.21	6.60E	9.00	10.5 B	5.88B	13
14	0.629B	0.184B	0.064B	0.230B	21.0	15.3	6.65	5.12	6.65E	9.11	9.90B	5.90B	14
15	0.589B	0.168B	0.064B	0.260B	21.0	14.8	6.61	5.10	6.70E	9.36	10.8 B	5.89B	15
16	0.569B	0.151B	0.064B	0.300B	21.0	14.6	6.26	5.12	6.75E	9.42	9.60B	5.88B	16
17	0.562B	0.133B	0.063B	0.350B	20.7	14.3	5.82	5.22	6.80E	9.39	9.08B	5.96B	17
18	0.542B	0.119B	0.060B	0.450B	20.5	14.0	5.96	5.30	6.85E	9.38	8.82B	6.16B	18
19	0.532B	0.104B	0.060B	0.600B	20.5	13.6	5.95	5.24	6.90E	9.57	9.12B	6.13B	19
20	0.524B	0.096B	0.060B	0.750B	20.8	12.9	5.97	5.21	6.95E	9.71	8.95B	6.24B	20
21	0.519B	0.092B	0.060B	0.940B	21.3	12.6	5.73	5.23	6.98A	9.75	8.81B	6.21B	21
22	0.501B	0.086B	0.064B	1.20 B	21.1	12.2	6.07	5.34	6.98	9.83	8.94B	6.21B	22
23	0.488B	0.083B	0.064B	1.50 B	20.7	11.6	6.65	5.49	7.10	9.94	9.20B	6.15B	23
24	0.472B	0.080B	0.070B	1.90 B	20.4	11.2	6.37	5.56	7.33	9.94	8.72B	6.21B	24
25	0.461B	0.079B	0.070B	2.30 B	20.2	10.7	5.96	5.63	7.43	10.1	8.14B	6.32B	25
26	0.448B	0.077B	0.070B	2.80 B	20.0	10.4	5.51	5.64	7.53	10.1	8.33B	6.45B	26
27	0.426B	0.076B	0.070B	3.50 B	19.4	9.81	5.42	5.67	7.70	10.2	7.67B	6.52B	27
28	0.409B	0.075B	0.075B	4.20 B	19.0	9.39	5.79	5.68	7.77	10.3	7.16B	6.37B	28
29	0.392B		0.080B	4.80 B	18.9	8.93	5.70	5.62	7.71	10.3	6.98B	6.01B	29
30	0.369B		0.090B	5.50 B	18.7	8.79	5.73	5.80E	7.83	10.3	6.87B	5.88B	30
31	0.361B		0.100B		18.6		5.70	5.90E		10.5		6.10B	31
TOTAL	21.552	5.085	2.115	33.367	550.90	431.82	215.71	172.53	203.71	287.60	273.16	192.59	TOTAL
MEAN	0.695	0.182	0.068	1.11	17.8	14.4	6.96	5.57	6.79	9.28	9.11	6.21	MEAN
MAX	1.26	0.351	0.100	5.50	21.3	18.2	9.07	6.27	7.83	10.5	11.8	6.92	MAX
MIN	0.361	0.075	0.060	0.100	6.50	8.79	5.42	5.10	5.95	8.12	6.87	5.88	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.55
MAXIMUM DAILY, 21.3 ON MAY 21
MINIMUM DAILY, 0.060B ON MAR 18
MAXIMUM INSTANTANEOUS,
21.4 AT 17:50 CST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 24 20 N
LONG 108 01 40 W
DRAINAGE AREA, 4 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 860	JUL	18 600
FEB	439	AUG	14 900
MAR	183	SEP	17 600
APR	2 880	OCT	24 800
MAY	47 600	NOV	23 600
JUN	37 300	DEC	16 600

TOTAL DISCHARGE, 206 000 dam³

CARROT RIVER NEAR ARNLEY - STATION NO. 05KB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	7.17E	5.17	0.596	0.025	0.012	0.012	0.026	---	1
2	---	---	0B	0 B	5.99A	4.88	0.541	0.041	0.018	0.032	0.024A	---	2
3	---	---	0B	0 B	5.30A	4.26	0.490	0.076	0.024	0.038	---	---	3
4	---	---	0B	0 B	4.73	3.56	0.437	0.048	0.028	0.047	---	---	4
5	---	---	0B	0 B	4.20	2.88	0.393	0.032	0.033	0.040	---	---	5
6	---	---	0B	0 B	3.85	2.42	0.409	0.023	0.037	0.035	---	---	6
7	---	---	0B	0 B	3.52	2.31	0.442	0.027	0.038	0.034	---	---	7
8	---	---	0B	0 B	3.19	1.98	0.397	0.014	0.059	0.031	---	---	8
9	---	---	0B	0 B	2.95	1.67	0.391	0.004	0.063	0.027	---	---	9
10	---	---	0B	0 B	2.78	1.50	0.364	0.010	0.059	0.024	---	---	10
11	---	---	0B	0 B	2.64	1.43	0.319	0.006	0.055	0.020	---	---	11
12	---	---	0B	0.005B	2.49	1.36	0.281	0.010	0.051A	0.016	---	---	12
13	---	---	0B	0.015B	2.37	1.31	0.233	0.009	0.045E	0.015	---	---	13
14	---	---	0B	0.032B	2.23	1.24	0.235	0.021	0.040E	0.012	---	---	14
15	---	---	0B	1.19 B	2.11	1.16	0.354	0.014	0.035E	0.010	---	---	15
16	---	---	0B	13.1 B	2.01	1.10	0.528	0.012	0.030E	0.009	---	---	16
17	---	---	0B	41.1 B	1.90	1.03	0.546	0.007	0.028E	0.008	---	---	17
18	---	---	0B	69.1	1.78	0.992	0.473	0.005	0.025E	0.011	---	---	18
19	---	---	0B	64.2	1.73	0.949	0.408	0.003	0.022E	0.016	---	---	19
20	---	---	0B	49.8	1.73	0.890	0.299	0.004	0.020E	0.024	---	---	20
21	---	---	0B	34.8	1.80	0.833	0.230	0.005	0.018E	0.027	---	---	21
22	---	---	0B	26.5 A	2.32	0.787	0.170	0.008	0.016E	0.026	---	---	22
23	---	---	0B	23.1 A	2.28	0.732	0.143	0.007	0.013E	0.026	---	---	23
24	---	---	0B	21.4 A	2.20	0.706	0.114	0.009	0.010E	0.026	---	---	24
25	---	---	0B	21.1	2.11	0.652	0.088	0.012	0.008E	0.024	---	---	25
26	---	---	0B	21.6	2.01	0.604	0.063	0.014	0.007E	0.025	---	---	26
27	---	---	0B	20.5	1.90	0.574	0.046	0.015	0.006E	0.025	---	---	27
28	---	---	0B	18.0 A	1.83	0.543	0.028	0.012	0.005E	0.022	---	---	28
29	---		0B	15.0 A	2.10	0.551	0.025	0.007	0.005A	0.028	---	---	29
30	---		0B	10.7 A	4.32	0.547	0.018	0.005	0.008	0.027	---	---	30
31	---		0B		5.16		0.028	0.007		0.026		---	31
TOTAL	---	---	0	451.242	92.70	48.600	9.089	0.492	0.818	0.743	---	---	TOTAL
MEAN	---	---	0	15.0	2.99	1.62	0.293	0.016	0.027	0.024	---	---	MEAN
MAX	---	---	0	69.1	7.17	5.17	0.596	0.076	0.063	0.047	---	---	MAX
MIN	---	---	0	0	1.73	0.543	0.018	0.003	0.005	0.008	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.46
MAXIMUM DAILY, 69.1 ON APR 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
73.7 AT 17:55 CST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 11 N
LONG 104 01 15 W
DRAINAGE AREA, 4 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	785
FEB	---	AUG	42.5
MAR	0	SEP	70.7
APR	39 000	OCT	64.2
MAY	8 010	NOV	---
JUN	4 200	DEC	---

TOTAL DISCHARGE, 52 200 dam³

CARROT RIVER NEAR KINISTINO - STATION NO. 05KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.634	0.744	0.007	0.005	0.080	0.078	0.026	---	1
2	---	---	0B	0 B	0.569	0.680	0.007	0.045	0.095	0.063	---	---	2
3	---	---	0B	0 B	0.511	0.654	0.007	0.240	0.069	0.065	---	---	3
4	---	---	0B	0 B	0.483	0.523	0.007	0.213	0.065	0.085	---	---	4
5	---	---	0B	0 B	0.494	0.459	0.006	0.198	0.074	0.116	---	---	5
6	---	---	0B	0 B	0.489	0.448	0.006	0.295	0.199	0.118	---	---	6
7	---	---	0B	0 B	0.469	0.383	0.004	0.226	0.141	0.100	---	---	7
8	---	---	0B	0 B	0.446	0.339	0.003	0.176	0.054	0.105	---	---	8
9	---	---	0B	0 B	0.353	0.254	0.003	0.160	0.054	0.097	---	---	9
10	---	---	0B	0 B	0.286	0.236	0.003	0.154	0.058	0.102	---	---	10
11	---	---	0B	0 B	0.156	0.203	0.001	0.150	0.069	0.089	---	---	11
12	---	---	0B	0 B	0.048	0.107	0.001	0.150	0.071	0.089	---	---	12
13	---	---	0B	0.058B	0.026	0.096	0.001	0.567	0.068	0.082	---	---	13
14	---	---	0B	0.512B	0.090	0.134	0.005	0.198	0.075	0.072	---	---	14
15	---	---	0B	0.999B	0.622	0.151	0.005	0.078	0.071	0.070	---	---	15
16	---	---	0B	0.441B	1.04	0.081	0.006	0.078	0.070	0.061	---	---	16
17	---	---	0B	0.527B	1.17	0.093	0.003	0.088	0.072	0.061	---	---	17
18	---	---	0B	0.649B	1.20	0.094	0.002	0.098	0.064	0.067	---	---	18
19	---	---	0B	0.309B	1.16	0.064	0.004	0.133	0.069	0.065	---	---	19
20	---	---	0B	0.118	1.14	0.073	0.013	0.198	0.069	0.058	---	---	20
21	---	---	0B	0.184	1.07	0.703	0.008	0.089	0.069	0.280	---	---	21
22	---	---	0B	0.314	1.01	0.134	0.006	0.078	0.059	0.080	---	---	22
23	---	---	0B	0.333	0.882	0.013	0.005	0.126	0.060	0.033	---	---	23
24	---	---	0B	0.077	0.814	0.005	0.007	0.071	0.064	0.022	---	---	24
25	---	---	0B	0.050	0.633	0.002	0.005	0.097	0.066	0.088	---	---	25
26	---	---	0B	0.402	0.517	0.001	0.003	0.179	0.057	0.078	---	---	26
27	---	---	0B	1.55	0.427	0.004	0.002	0.154	0.055	0.026	---	---	27
28	---	---	0B	1.30	0.456	0.010	0.003	0.082	0.062	0.018	---	---	28
29	---		0B	1.01	0.601	0.011	0.003	0.077	0.077	0.021	---	---	29
30	---		0B	0.779	0.862	0.009	0.002	0.083	0.071	0.029	---	---	30
31	---		0B		0.848		0.003	0.115		0.026		---	31
TOTAL	---	---	0	9.612	19.506	6.708	0.141	4.601	2.227	2.344	---	---	TOTAL
MEAN	---	---	0	0.320	0.629	0.224	0.005	0.148	0.074	0.076	---	---	MEAN
MAX	---	---	0	1.55	1.20	0.744	0.013	0.567	0.199	0.280	---	---	MAX
MIN	---	---	0	0	0.026	0.001	0.001	0.005	0.054	0.018	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.184
MAXIMUM DAILY, 1.55 ON APR 27
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.51 AT 13:30 CST ON JUN 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 55 N
LONG 105 00 18 W
DRAINAGE AREA, 1 170 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	12.2
FEB	---	AUG	398
MAR	0	SEP	192
APR	830	OCT	203
MAY	1 690	NOV	---
JUN	580	DEC	---

TOTAL DISCHARGE, 3 910 dam³

CARROT RIVER NEAR SMOKY BURN - STATION NO. 05KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.147B	0.049B	0.033B	0.051B	37.0	68.3	1.62	0.375	0.882	0.921	0.764	0.363B	1
2	0.147B	0.048B	0.030B	0.053B	29.4	62.2	1.41	0.373	1.01	1.29	0.727	0.362B	2
3	0.141B	0.046B	0.032B	0.057B	22.4	46.2	1.26	0.437	1.23	1.16	0.826	0.360B	3
4	0.145B	0.045B	0.030B	0.057B	18.3	36.0	1.28	0.391	1.55	1.36	0.662	0.359B	4
5	0.143B	0.046B	0.030B	0.065B	15.5	28.5	1.45	0.422	1.57	1.57	0.701	0.357B	5
6	0.134B	0.046B	0.028B	0.079B	13.9	22.8	1.67	0.491	1.46	1.66	0.681	0.355B	6
7	0.124B	0.049B	0.028B	0.098B	12.7	18.4	1.64	0.483	1.22	1.55	0.648	0.350B	7
8	0.121B	0.051B	0.029B	0.111B	11.6	15.0	1.70	0.414	0.999	1.47	0.622	0.350B	8
9	0.110B	0.055B	0.028B	0.144B	10.1	12.4	2.25	0.356	0.837	1.35	0.600	0.350B	9
10	0.101B	0.054B	0.027B	0.131B	8.95	10.7	2.32	0.467	0.776	1.28	0.588	0.350B	10
11	0.091B	0.052B	0.025B	0.406B	8.17	9.21	1.98	1.04	0.734	1.20	0.574	0.345B	11
12	0.086B	0.049B	0.026B	1.08 B	7.93	8.01	2.05	0.776	0.591	1.15	0.564	0.345B	12
13	0.083B	0.044B	0.029B	1.08 B	7.44	6.98	2.02	0.835	0.504	1.54	0.535	0.340B	13
14	0.080B	0.040B	0.030B	0.910B	6.96	6.11	2.05	0.828	0.425	2.33	0.495	0.340B	14
15	0.076B	0.038B	0.029B	3.59 B	6.69	5.43	2.12	1.53	0.378	1.85	0.452	0.340B	15
16	0.073B	0.033B	0.029B	51.5 B	6.39	4.87	1.88	1.93	0.362	1.45	0.442	0.335B	16
17	0.069B	0.030B	0.027B	103 B	6.49	4.72	2.09	1.91	0.409	1.24	0.434	0.335B	17
18	0.066B	0.032B	0.028B	116 B	6.65	4.68	2.33	1.57	0.379	1.03	0.440	0.335B	18
19	0.063B	0.033B	0.026B	136 B	6.84	4.50	2.21	1.31	0.350	0.974	0.451	0.330B	19
20	0.060B	0.034B	0.026B	167 B	7.03	4.18	1.76	1.14	0.372	1.01	0.418	0.330B	20
21	0.056B	0.035B	0.025B	186	6.70	3.94	1.91	1.00	0.379	1.02	0.478	0.330B	21
22	0.051B	0.038B	0.025B	202	6.41	3.62	2.39	0.862	0.358	0.983	0.462	0.325B	22
23	0.049B	0.040B	0.024B	194	6.43	3.32	2.05	0.827	0.395	0.950	0.446	0.325B	23
24	0.049B	0.038B	0.024B	156	6.49	3.09	1.54	0.796	0.429	0.919	0.448	0.325B	24
25	0.048B	0.036B	0.022B	104	6.53	3.02	1.26	0.762	0.356	0.875	0.438	0.320B	25
26	0.049B	0.036B	0.023B	77.8	6.54	2.98	0.985	0.694	0.288	0.831	0.477	0.320B	26
27	0.053B	0.032B	0.027B	65.2	6.10	2.75	0.729	0.669	0.335	0.818	0.490	0.320B	27
28	0.057B	0.035B	0.033B	56.7	5.92	2.49	0.529	0.716	0.252	0.805	0.429	0.315B	28
29	0.055B		0.038B	49.7	6.17	2.29	0.463	0.785	0.444	0.798	0.409B	0.315B	29
30	0.055B		0.046B	42.6	22.9	1.91	0.366	0.775	0.488	0.801	0.391B	0.315B	30
31	0.049B		0.050B		51.6		0.345	0.879		0.812		0.315B	31
TOTAL	2.631	1.164	0.907	1 715.412	382.23	408.60	49.657	25.843	19.662	36.997	16.092	10.456	TOTAL
MEAN	0.085	0.042	0.029	57.2	12.3	13.6	1.60	0.834	0.655	1.19	0.536	0.337	MEAN
MAX	0.147	0.055	0.050	202	51.6	68.3	2.39	1.93	1.57	2.33	0.826	0.363	MAX
MIN	0.048	0.030	0.022	0.051	5.92	1.91	0.345	0.356	0.235	0.798	0.391	0.315	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.31
MAXIMUM DAILY, 202 ON APR 22
MINIMUM DAILY, 0.022B ON MAR 25
MAXIMUM INSTANTANEOUS,
204 AT 15:34 CST ON APR 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 25 00 N
LONG 103 08 30 W
DRAINAGE AREA, 9 230 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	227	JUL	4 290
FEB	101	AUG	2 230
MAR	78.4	SEP	1 700
APR	148 000	OCT	3 200
MAY	33 000	NOV	1 390
JUN	35 300	DEC	903

TOTAL DISCHARGE, 230 000 dam³

CARROT RIVER NEAR TURNBERRY - STATION NO. 05KH007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.23 B	0.498B	0.199B	0.561B	79.5	58.7	17.2	4.17	5.52	4.99	6.47	1.52B	1
2	1.18 B	0.487B	0.181B	0.622B	80.5	66.0	15.2	4.05	8.30	5.37	5.12B	1.48B	2
3	1.14 B	0.442B	0.183B	0.666B	81.5	68.2	14.5	4.24	10.2	5.33	3.76	1.44B	3
4	1.10 B	0.429B	0.195B	0.677B	82.5	67.5	13.9	4.13	10.2	6.62	3.45B	1.43B	4
5	1.06 B	0.412B	0.203B	0.724B	82.8	67.4	12.4	3.83	9.07	8.74	3.20B	1.47B	5
6	1.02 B	0.400B	0.208B	0.846B	81.9	68.4	14.5	3.62	8.45	9.24	2.96B	1.48B	6
7	0.979B	0.394B	0.203B	1.14 B	79.4	68.2	23.4	3.77	8.01	9.28	2.73B	1.52B	7
8	0.938B	0.388B	0.203B	1.50 B	76.3	67.2	23.2	3.61	7.64	9.73	2.64B	1.51B	8
9	0.898B	0.383B	0.211B	1.62 B	73.7	66.2	20.1	3.75	7.00	9.87	2.55B	1.46B	9
10	0.857B	0.377B	0.212B	1.57 B	71.1	64.2	17.9	4.00	6.23	10.1	2.44B	1.40B	10
11	0.833B	0.371B	0.212B	1.55 B	68.2	61.5	16.4	4.07	5.77	10.4	2.35B	1.38B	11
12	0.813B	0.365B	0.240B	1.53 B	65.6	58.1	14.9	4.21	5.10	10.9	2.25B	1.34B	12
13	0.792B	0.359B	0.221B	1.52 B	63.8	54.6	13.2	4.38	4.64	11.3	2.16B	1.32B	13
14	0.772B	0.353B	0.240B	1.65 B	62.0	50.8	12.4	4.38	4.32	11.8	2.06B	1.29B	14
15	0.751B	0.348B	0.246B	2.10 B	60.1	46.8	12.6	4.48	4.17	12.6	1.99B	1.24B	15
16	0.731B	0.342B	0.244B	4.21 B	57.0	43.2	12.0	4.42	4.07	12.7	1.93B	1.20B	16
17	0.711B	0.336B	0.236B	7.34 B	53.9	40.1	10.3	4.38	3.92	13.8	1.86B	1.24B	17
18	0.690B	0.330B	0.231B	15.3 B	51.5	37.4	9.10	4.80	3.84	13.6	1.79B	1.29B	18
19	0.670B	0.358B	0.246B	29.6 B	49.2	35.9	8.04	5.19	3.69	12.5	1.72B	1.31B	19
20	0.649B	0.362B	0.282B	33.2 B	47.2	34.3	7.79	5.33	3.54	11.3	1.66B	1.40B	20
21	0.629B	0.370B	0.319B	31.0 B	45.3	32.7	7.48	5.00	3.42	10.0	1.59B	1.48B	21
22	0.598B	0.360B	0.415B	30.2 B	44.0	30.8	7.16	4.55	3.37	9.11	1.53B	1.53B	22
23	0.580B	0.334B	0.502B	36.4 B	42.5	29.0	7.14	4.21	3.30	8.77	1.47B	1.64B	23
24	0.574B	0.308B	0.536B	51.1 B	40.6	28.2	6.70	4.04	3.23	7.98	1.41B	1.74B	24
25	0.575B	0.301B	0.559B	67.6 B	38.6	27.4	6.50	3.99	3.21	7.80	1.27B	1.72B	25
26	0.576B	0.270B	0.541B	59.2 B	37.0	26.0	6.35	4.13	3.27	7.61	1.19B	1.70B	26
27	0.572B	0.229B	0.573B	58.4 B	35.1	24.1	5.96	4.13	3.07	7.42	1.13B	1.71B	27
28	0.562B	0.221B	0.629B	61.1 B	34.0	22.0	5.56	3.92	3.05	7.42	1.14B	1.70B	28
29	0.545B		0.645B	67.8	37.6	20.4	5.33	3.96	3.78	7.31	1.19B	1.69B	29
30	0.545B		0.680B	75.2	47.3	18.8	5.07	3.97	4.41	7.15	1.48B	1.66B	30
31	0.525B		0.603B		52.5		4.59	4.42		6.60		1.60B	31
TOTAL	24.095	10.127	10.398	685.926	1 822.2	1 384.1	356.87	131.13	157.79	287.34	68.49	45.89	TOTAL
MEAN	0.777	0.362	0.335	21.5	58.8	46.1	11.5	4.23	5.26	9.27	2.28	1.48	MEAN
MAX	1.23	0.498	0.680	75.2	82.8	68.4	23.4	5.33	10.2	13.8	6.47	1.74	MAX
MIN	0.525	0.221	0.181	0.561	34.0	18.8	4.59	3.61	3.05	4.99	1.13	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.5
MAXIMUM DAILY, 82.8 ON MAY 5
MINIMUM DAILY, 0.181B ON MAR 2
MAXIMUM INSTANTANEOUS,
82.9 AT 20:30 CST ON MAY 4

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 00 N
LONG 102 07 00 W
DRAINAGE AREA, 12 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 080	JUL	30 800
FEB	875	AUG	11 300
MAR	898	SEP	13 600
APR	55 800	OCT	24 800
MAY	157 000	NOV	5 920
JUN	120 000	DEC	3 960

TOTAL DISCHARGE, 427 000 dam³

CHIPMAN RIVER ABOVE BLACK LAKE - STATION NO. 07LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.16B	5.53B	5.11E	4.84	7.14	22.4	24.2	21.2	15.2	16.6	12.8	10.7	1
2	7.13B	5.49B	5.08E	4.83	8.36	22.8	24.5	20.9	15.2	16.5	12.6	10.5	2
3	7.10B	5.46B	5.05E	4.83	9.27	23.1	24.4	20.6	15.3	16.4	12.5	10.5	3
4	7.07B	5.44B	5.02E	4.81	9.92	23.3	24.3	20.0	15.6	16.2	12.2	10.4	4
5	7.04B	5.42B	5.00E	4.81	10.4	23.8	24.2	19.8	15.6	16.4	12.2	10.4	5
6	7.01B	5.40B	4.98E	4.79	10.6	24.0	23.8	19.5	15.7	16.4	12.3	10.3	6
7	6.98B	5.40B	4.96E	4.80	10.6	24.2	23.6	19.2	15.9	16.2	12.1	10.1	7
8	6.95B	5.40B	4.94E	4.84	10.5	24.5	23.4	19.0	16.2	16.2	11.9	10.0	8
9	6.93B	5.40B	4.93E	4.84	10.6	25.0	23.3	18.7	16.2	16.0	11.7	10.2	9
10	6.90B	5.40B	4.92E	4.84	10.7	25.1	23.2	18.4	16.7	15.8	11.6	10.1	10
11	6.87B	5.40B	4.91E	4.84	10.9	25.2	23.3	17.9	17.9	15.8	11.2	10.0	11
12	6.84B	5.40B	4.90E	4.85	11.3	25.4	23.6	17.9	18.4	15.7	10.9	10.1	12
13	6.81B	5.40B	4.90E	4.82	11.7	25.4	23.6	18.0	18.4	15.6	10.8	10.1	13
14	6.76B	5.40B	4.90E	4.83	12.2	25.5	23.4	17.7	18.3	15.4	10.8	9.98	14
15	6.70B	5.40B	4.90E	4.83	12.7	25.4	23.1	17.4	18.4	15.2	10.7	9.96	15
16	6.64B	5.40B	4.90E	4.85	13.3	25.4	22.7	17.1	18.4	15.0	10.6	9.98	16
17	6.57B	5.40B	4.90E	4.86	13.8	25.3	22.4	16.9	18.4	14.8	10.5	9.98	17
18	6.50B	5.40B	4.90E	4.86	14.1	25.2	21.9	16.8	18.4	14.8	10.6	9.96	18
19	6.43B	5.40B	4.90E	4.85	14.6	25.4	21.5	16.7	18.1	14.6	10.4	9.87	19
20	6.36B	5.40B	4.90E	4.82	15.1	25.4	21.0	16.5	18.1	14.4	10.5	9.79	20
21	6.28B	5.40E	4.90E	4.83	15.6	25.3	20.7	16.2	18.0	14.3	10.6	9.65	21
22	6.20B	5.37E	4.90E	4.83	16.4	25.5	20.7	16.1	17.9	14.2	10.5	9.46	22
23	6.12B	5.34E	4.90E	4.83	16.8	25.2	21.5	16.0	17.7	14.3	10.5	9.48	23
24	6.04B	5.30E	4.90A	4.80	17.3	24.7	22.3	15.8	17.6	14.1	10.4	9.51	24
25	5.96B	5.26E	4.87	4.79	18.2	24.5	22.4	15.6	17.6	13.9	10.4	9.55	25
26	5.88B	5.22E	4.85	4.77	19.1	24.4	22.3	15.4	17.5	13.8	10.4	9.53	26
27	5.81B	5.18E	4.84	4.78	20.0	24.3	22.1	15.3	17.2	13.7	10.4	9.45	27
28	5.74B	5.14E	4.86	4.83	20.6	24.3	22.2	15.3	17.1	13.5	10.5	9.32	28
29	5.68B		4.85	5.08	21.2	24.4	22.1	15.6	16.9	13.3	10.5	9.12	29
30	5.62B		4.85	5.95	21.6	24.3	22.0	15.5	16.7	13.2	10.6	9.01	30
31	5.57B		4.85		22.0		21.6	15.3		13.0		8.96	31
TOTAL	201.65	150.55	152.57	146.13	436.59	738.7	705.3	542.3	514.6	465.3	333.5	305.96	TOTAL
MEAN	6.50	5.38	4.92	4.87	14.1	24.6	22.8	17.5	17.2	15.0	11.1	9.87	MEAN
MAX	7.16	5.53	5.11	5.95	22.0	25.5	24.5	21.2	18.4	16.6	12.8	10.7	MAX
MIN	5.57	5.14	4.84	4.77	7.14	22.4	20.7	15.3	15.2	13.0	10.4	8.96	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.9
MAXIMUM DAILY, 25.5 ON JUN 14
MINIMUM DAILY, 4.77 ON APR 26
MAXIMUM INSTANTANEOUS,
25.8 AT 15:21 CST ON JUN 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 19 10 N
LONG 105 18 10 W
DRAINAGE AREA, 6 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 400	JUL	60 900
FEB	13 000	AUG	46 900
MAR	13 200	SEP	44 500
APR	12 600	OCT	40 200
MAY	37 700	NOV	28 800
JUN	63 800	DEC	26 400

TOTAL DISCHARGE, 405 000 dam³

CHITEK LAKE AT CHITEK VILLAGE - STATION NO. 06AD012

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	566.409E	566.446	566.386E	566.349E	566.345E	566.314E	566.346E	---	1
2	---	---	---	---	566.411E	566.443E	566.387E	566.352	566.346	566.318E	566.345	---	2
3	---	---	---	---	566.413E	566.441	566.387E	566.355E	566.346E	566.322E	566.343E	---	3
4	---	---	---	---	566.415E	566.440E	566.388	566.359E	566.346E	566.327E	566.341E	---	4
5	---	---	---	---	566.417E	566.439	566.388E	566.362	566.346E	566.331E	566.339	---	5
6	---	---	---	---	566.417E	566.439E	566.389	566.361E	566.346E	566.335E	---	---	6
7	---	---	---	---	566.419E	566.439	566.391E	566.361E	566.346	566.339	---	---	7
8	---	---	---	---	566.421E	566.429E	566.393	566.361	566.345E	566.339E	---	---	8
9	---	---	---	---	566.423E	566.420E	566.392E	566.360E	566.345E	566.338E	---	---	9
10	---	---	---	---	566.427	566.410	566.391E	566.359	566.345E	566.338E	---	---	10
11	---	---	---	---	566.429E	566.409E	566.390E	566.356E	566.345E	566.337E	---	---	11
12	---	---	---	---	566.431E	566.408	566.389E	566.354E	566.345E	566.337E	---	---	12
13	---	---	---	---	566.433	566.405E	566.389E	566.351E	566.345E	566.336	---	---	13
14	---	---	---	---	566.438E	566.403	566.388	566.348E	566.345	566.336E	---	---	14
15	---	---	---	---	566.442E	566.400E	566.388E	566.346E	566.344E	566.336	---	---	15
16	---	---	---	---	566.447E	566.397E	566.387E	566.343E	566.343E	566.336E	---	---	16
17	---	---	---	---	566.451	566.394E	566.387E	566.340	566.342	566.337E	---	---	17
18	---	---	---	---	566.452E	566.391	566.387	566.340	566.337E	566.337	---	---	18
19	---	---	---	---	566.453E	566.389E	566.385E	566.341E	566.331E	566.337E	---	---	19
20	---	---	---	---	566.453E	566.387E	566.383E	566.342E	566.326E	566.337E	---	---	20
21	---	---	---	---	566.454	566.385E	566.381	566.343E	566.320	566.337E	---	---	21
22	---	---	---	---	566.454	566.383	566.376E	566.344E	566.319E	566.337	---	---	22
23	---	---	---	---	566.455E	566.384E	566.370E	566.345E	566.318E	566.337E	---	---	23
24	---	---	---	---	566.456	566.385	566.365E	566.346E	566.317E	566.336E	---	---	24
25	---	---	---	---	566.445	566.385E	566.359E	566.347	566.315E	566.335	---	---	25
26	---	---	---	---	566.446E	566.385E	566.354	566.347E	566.314E	566.344	---	---	26
27	---	---	---	---	566.447E	566.385	566.352E	566.346E	566.313E	566.345E	---	---	27
28	---	---	---	---	566.448	566.385E	566.350E	566.346E	566.312E	566.345E	---	---	28
29	---		---	---	566.448E	566.386E	566.349E	566.345E	566.311E	566.346E	---	---	29
30	---		---	---	566.447E	566.386E	566.347E	566.345E	566.310	566.346E	---	---	30
31	---		---		566.446E		566.346	566.344		566.347		---	31
MEAN	---	---	---	---	566.437	566.406	566.378	566.350	566.338	566.336	---	---	MEAN
MAX	---	---	---	---	566.456	566.446	566.393	566.362	566.346	566.347	---	---	MAX
MIN	---	---	---	---	566.409	566.383	566.346	566.340	566.310	566.314	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 566.456 ON MAY 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 44 55 N
LONG 107 43 55 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHRISTOPHER LKXE NEAR CHRISTOPHER LAKE - STATION NO. 05GG009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	514.650E	514.681E	514.723E	514.694E	514.755E	514.726	514.744	---	1
2	---	---	---	---	514.650E	514.680E	514.720	514.697E	514.761E	514.729E	514.746E	---	2
3	---	---	---	---	514.652E	514.680E	514.722E	514.701E	514.768	514.732E	514.749E	---	3
4	---	---	---	---	514.654E	514.680	514.723E	514.704E	514.766E	514.735E	514.751E	---	4
5	---	---	---	---	514.656E	514.686E	514.724E	514.708E	514.765E	514.737E	514.753	---	5
6	---	---	---	---	514.658E	514.691E	514.725E	514.711	514.764E	514.740E	---	---	6
7	---	---	---	---	514.659	514.697E	514.726E	514.717E	514.762E	514.743E	---	---	7
8	---	---	---	---	514.662E	514.703E	514.728E	514.723E	514.761E	514.745E	---	---	8
9	---	---	---	---	514.664E	514.709E	514.729	514.729E	514.760E	514.748E	---	---	9
10	---	---	---	---	514.667E	514.715E	514.729E	514.735E	514.758	514.751E	---	---	10
11	---	---	---	---	514.669E	514.720	514.728E	514.741E	514.755E	514.754E	---	---	11
12	---	---	---	---	514.672E	514.725E	514.728E	514.746E	514.752E	514.756	---	---	12
13	---	---	---	---	514.674E	514.729E	514.728E	514.752	514.748E	514.755E	---	---	13
14	---	---	---	---	514.677	514.734E	514.727E	514.760E	514.745E	514.754E	---	---	14
15	---	---	---	---	514.677E	514.738	514.727E	514.767	514.742E	514.753	---	---	15
16	---	---	---	---	514.678E	514.743E	514.727	514.760E	514.738E	514.751E	---	---	16
17	---	---	---	---	514.678	514.748	514.722E	514.753E	514.735	514.750E	---	---	17
18	---	---	---	---	514.680E	514.746E	514.718E	514.745E	514.733E	514.749E	---	---	18
19	---	---	---	---	514.682E	514.745E	514.714E	514.738E	514.731E	514.747E	---	---	19
20	---	---	---	---	514.683E	514.744E	514.709E	514.731	514.729E	514.746E	---	---	20
21	---	---	---	---	514.685	514.742E	514.705E	514.730E	514.727E	514.744E	---	---	21
22	---	---	---	---	514.683E	514.741E	514.701E	514.729E	514.725E	514.743	---	---	22
23	---	---	---	---	514.681E	514.739E	514.696	514.728E	514.724E	514.743E	---	---	23
24	---	---	---	---	514.679	514.738E	514.695E	514.727E	514.722	514.743E	---	---	24
25	---	---	---	---	514.679E	514.737	514.694E	514.726E	514.722E	514.743E	---	---	25
26	---	---	---	---	514.680E	514.734E	514.692E	514.725E	514.723E	514.743E	---	---	26
27	---	---	---	---	514.680E	514.732E	514.691E	514.724	514.724E	514.744E	---	---	27
28	---	---	---	---	514.680E	514.730E	514.690E	514.730E	514.724E	514.744E	---	---	28
29	---	---	---	---	514.680E	514.727E	514.688E	514.736E	514.725E	514.744E	---	---	29
30	---		---	---	514.681E	514.725E	514.687	514.743E	514.726E	514.744E	---	---	30
31	---		---		514.681		514.690E	514.749E		514.744E		---	31
MEAN	---	---	---	---	514.672	514.721	514.713	514.731	514.742	514.745	---	---	MEAN
MAX	---	---	---	---	514.685	514.748	514.729	514.767	514.768	514.756	---	---	MAX
MIN	---	---	---	---	514.650	514.680	514.687	514.694	514.722	514.726	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUN DAILY, 514.768 ON SEP 3

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 30 30 N
LONG 105 45 55 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHURCHILL LAKE AT BUFFALO NARROWS - STATION NO. 06BA001

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	30.483	---	---	---	---	---	30.629	---	2
3	30.486	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	30.645	---	---	4
5	---	---	---	---	---	---	30.818	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	30.733	---	---	30.578	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	30.318	---	30.803	---	---	---	---	---	---	8
9	---	---	---	---	30.559	---	---	---	---	---	30.620	---	9
10	30.480	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	30.626	---	---	11
12	---	---	---	30.325	---	---	30.803	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	30.712	---	---	30.578	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	30.864	---	---	---	---	---	---	15
16	---	---	---	---	30.605	---	---	---	---	---	30.605	---	16
17	30.480	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	30.614	---	---	18
19	---	---	---	30.376	---	---	30.788	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	30.687	---	---	30.571	20
21	---	---	---	---	---	30.879	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	30.681	---	---	---	---	---	30.596	---	23
24	30.471	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	30.614	---	---	25
26	---	---	---	30.379	---	---	30.779	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	30.675	---	---	30.559	27
28	---	---	---	---	---	30.864	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	30.757	---	---	---	---	---	30.584	---	30
31	30.462		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 51 00 N
LONG 108 29 00 W
DATA CONTRIBUTED BY -
CHURCHILL RIVER POWER COMPANY

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CHURCHILL RIVER ABOVE OTTER RAPIDS - STATION NO. 06CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	122B	110 B	98.5B	88.8B	123	232	308	285	290	246	208	182E	1
2	122B	109 B	98.0B	88.5B	126	233	306	282	291	244	206	181E	2
3	121B	109 B	97.6B	88.6B	128	238	306	286	291	242	205E	181E	3
4	120B	108 B	97.2B	88.6B	130	242	307	287	291	239	204E	180E	4
5	118B	108 B	96.4B	88.6B	132	247	308	289	287	238	203E	179E	5
6	116B	108 B	95.6B	88.6B	134	268	309	291	287	236	202E	179E	6
7	114B	108 B	95.1B	88.7B	136	284	307	298	287	234	201E	178A	7
8	112B	108 B	94.7B	89.4B	137	292	308	299	286	232	200E	177E	8
9	111B	108 B	95.1B	90.7B	139	297	307	299	284	231	199E	177E	9
10	110B	108 B	95.2B	91.8B	141	301	307	299	282	230	198E	176E	10
11	110B	107 B	95.2B	92.6B	144	302	305	298	282	228	197E	175E	11
12	110B	107 B	95.1B	93.1B	147	306	302	300	281	228	196E	175E	12
13	109B	107 B	94.4B	94.4B	150	308	302	300	277	227	195E	174A	13
14	109B	107 B	94.7B	95.3B	154	309	305	300	275	226	194E	172	14
15	108B	108 B	94.4B	96.9B	158	311	305	300	275	226	193E	172	15
16	108B	107 B	94.0B	98.2B	163	314	306	300	273	224	192E	171	16
17	108B	107 B	93.3B	99.3B	169	316	304	301	270	224	191E	171	17
18	108B	107 B	93.1B	101 B	174E	319	302	303	269	223	191E	171	18
19	109B	107 B	92.9B	102 B	178E	320	302	303	268	223	190E	170	19
20	108B	105 B	91.9B	103 B	185E	320	301	302	266	221	189E	169	20
21	108B	104 B	92.1B	103	190E	319	296	302	266	220	188E	167	21
22	108B	103 B	91.4B	104	197	321	294	302	264	218	188E	165	22
23	109B	101 B	90.9B	104	202	323	295	302	262	216	187E	165	23
24	109B	99.4B	90.3B	105	206	322	295	300	260	216	186E	166	24
25	109B	98.8B	90.2B	106	210	321	293	299	259	214	186E	165	25
26	109B	98.3B	89.6B	107	219	320	291	298	257	213	185E	165	26
27	110B	98.2B	89.3B	110	221	316	291	296	253	213	184E	165	27
28	110B	98.3B	89.3B	111	223	314	291	294	250	212	184E	163	28
29	110B		89.1B	114	225	313	290	294	249	210	183E	162	29
30	109B		89.6B	120	227	311	288	292	247	210	183E	161	30
31	109B		89.0B		229		288	290		209		162	31
TOTAL	3 453	2 954.0	2 893.2	2 952.1	5 297	8 939	9 319	9 191	8 179	6 973	5 808	5 316	TOTAL
MEAN	111	106	93.3	98.4	171	298	301	296	273	225	194	171	MEAN
MAX	122	110	98.5	120	229	323	309	303	291	246	208	182	MAX
MIN	108	98.2	89.0	88.5	123	232	288	282	247	209	183	161	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 195
MAXIMUM DAILY, 323 ON JUN 23
MINIMUM DAILY, 88.5B ON APR 2
MAXIMUM INSTANTANEOUS,
324 AT 17:28 CST ON JUN 23

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 47 N
LONG 104 44 05 W
DRAINAGE AREA, 119 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	298 000	JUL	805 000
FEB	255 000	AUG	794 000
MAR	250 000	SEP	707 000
APR	255 000	OCT	602 000
MAY	458 000	NOV	502 000
JUN	772 000	DEC	459 000

TOTAL DISCHARGE, 6 160 000 dam³

CHURCHILL RIVER AT SANDY BAY - STATION NO. 06EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	612	625	590	521	517	535E	530E	397E	518A	430A	538	638	1
2	596	607	597	524	550	536E	535E	446E	539A	396A	553	652	2
3	595	601	597	467A	552E	576E	520E	454E	549A	404A	553	678	3
4	613	598	597	471	553A	590E	522E	458E	541A	427A	565	692	4
5	632	586	594	509	562A	486E	490E	457E	530A	432	574	701	5
6	649	554	534	522	568A	511E	486E	439E	522A	436	551	710	6
7	657	535	521	533	567A	544E	482E	471E	536A	435	544	705	7
8	661	551	552	540	545A	589E	484E	476E	549A	435	536	701	8
9	636	579	567	469	518A	620E	474E	486E	542A	418	538	698	9
10	602	596	573	437A	482A	647E	468E	486E	533A	411	542	704	10
11	636	609	577	447A	487A	649E	474E	491E	510A	415	559	703	11
12	652	617	580	472	491A	648E	472E	480A	475A	418	568	694	12
13	653	576	567	473	497A	650E	467E	480A	472A	423	594	686	13
14	631	555	552	483	511A	677E	470E	478A	480A	423	608	687	14
15	638	579	558	485	501A	665E	469E	476A	476A	423	631	697	15
16	620	594	570	487	482A	697E	464E	474A	477A	421	641	690	16
17	589	599	578	470A	490A	674E	463E	475A	490A	412	654	711	17
18	622	601	584	436A	504A	666E	460E	474A	482A	427	656	718	18
19	647	599	585	459A	523A	664E	471E	473A	489A	447	659	717	19
20	631	571	533	465A	546A	688E	466E	476A	486A	453	658	712	20
21	628	562	518	457A	532E	674E	460E	480A	486A	459	644	719	21
22	640	585	562	462A	410E	671E	455E	474A	474A	460	645	725	22
23	606	597	567	462A	400E	696E	455E	465A	473A	431	661	728	23
24	583	607	566	449A	451E	639E	449E	480A	475A	405	634	728	24
25	595	609	565	456A	558E	667E	449E	506A	469A	439	642	730	25
26	606	608	559	454A	553E	679E	458E	535A	443A	475	646	723	26
27	606	568	513	467A	550E	615E	453E	556A	441A	503	628	714	27
28	611	571	455A	477	540E	613E	412E	538A	503E	538	616	712	28
29	611		487	513	472E	571E	411E	499A	465E	581	614	712	29
30	600		519	528	470E	547E	408E	488A	459E	573	631	717	30
31	648		523		401E		506A			536		700	31
TOTAL	19 306	16 439	17 240	14 389	15 905	18 684	14 478	14 874	14 884	13 886	18 083	21 802	TOTAL
MEAN	623	587	556	480	513	623	467	480	496	448	603	703	MEAN
MAX	661	625	597	540	568	697	535	556	549	581	661	730	MAX
MIN	583	535	455	436	400	486	401	397	441	396	536	638	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 548
MAXIMUM DAILY, 730 ON DEC 25
MINIMUM DAILY, 396A ON OCT 2

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 31 24 N
LONG 102 19 06 W
DRAINAGE AREA, 210 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1928

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 670 000	JUL	1 250 000
FEB	1 420 000	AUG	1 290 000
MAR	1 490 000	SEP	1 290 000
APR	1 240 000	OCT	1 200 000
MAY	1 370 000	NOV	1 560 000
JUN	1 610 000	DEC	1 880 000

TOTAL DISCHARGE, 17 300 000 dam³

CHURCHILL RIVER NEAR PATUANAK - STATION NO. 06BB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	50.1E	52.9	50.3	47.1E	52.9	90.0E	104 E	96.8E	84.5	69.9E	71.0	66.2	1
2	50.2E	52.6	49.1	46.7A	55.7	90.8A	103 E	96.8E	83.0	69.5E	73.0	66.8	2
3	50.2E	52.5	49.6	45.6	56.4	96.0	103 E	96.8E	84.2	69.1E	69.3	65.8	3
4	50.3E	51.5	50.0	45.5	59.8	94.5	103 E	96.8E	84.1	68.7E	60.7	65.2	4
5	50.4E	51.2	49.6	44.8	63.2	95.3	102 E	96.8E	83.4E	68.3E	61.0	66.7	5
6	50.5E	52.6	48.9	44.9	64.8A	102	102 E	96.8E	82.7E	67.9E	66.0	66.7	6
7	50.6E	52.1	48.7	45.2	65.4E	101	102 E	96.7E	81.9E	67.5A	67.7	66.9	7
8	50.7E	51.7	47.7	43.7A	66.4A	103	101 E	96.7E	81.2A	71.8	68.9	64.4	8
9	50.7E	50.2	48.6	43.5A	67.1	103	101 E	96.7E	79.0	72.8	69.9	65.8	9
10	50.8E	51.1	48.4	43.0	69.5	104	101 E	96.7E	82.8	70.4	66.5	65.3	10
11	50.9E	50.6	47.5	44.2	69.9	102	101 E	96.7E	87.7	71.5	70.6	63.9	11
12	51.0E	50.0	49.3	44.8	71.5A	103	100 E	96.7E	87.7	73.6	66.0	64.8	12
13	51.1E	49.1	47.2	44.2	72.9A	102	99.9E	96.7E	82.2	72.7	65.8	64.4	13
14	51.1E	50.2	47.7	43.0A	73.8E	100 A	99.6E	96.7E	81.1	73.0	65.6	64.2	14
15	51.2E	49.3	47.5	46.3	74.7E	101 E	99.3E	96.6E	80.1	72.1	65.4	63.5	15
16	51.3E	48.7	48.1	44.6	75.6E	102 E	99.0E	96.6E	79.1	68.3	65.4	63.7	16
17	51.4E	49.2	46.7	44.6	76.5E	102 E	98.7E	96.6E	77.3	68.0	63.3	65.7	17
18	51.5E	49.2	46.2	45.8A	77.4E	102 E	98.4A	96.6A	80.9	74.0	65.4	65.4	18
19	51.6E	49.0	46.2	46.7E	78.3E	102 E	101	95.7	77.5	74.4	65.4	64.3	19
20	51.6E	48.7	46.4A	45.2A	79.2E	103 E	104	89.8	76.6	71.1	67.4	65.5	20
21	51.7E	51.1	46.1E	45.2	80.1E	103 E	96.4	89.2	76.6	69.1	67.3	64.4	21
22	51.8E	49.4	46.1A	45.7A	81.0E	103 A	95.9	90.4	77.5	63.2	66.4	63.3	22
23	51.9E	50.2	47.2	45.5E	81.9E	108	103	91.3	75.5	69.2	65.9	64.7	23
24	52.0E	49.9	47.0	46.5E	82.7E	106	102	88.6	74.8	68.8	66.7	64.2	24
25	52.1E	50.5	46.5	47.0E	83.6E	105	96.5	92.2	72.3A	68.5	66.2	64.6	25
26	52.1E	49.1	46.0	47.5E	84.5E	105	96.9	94.5	71.9E	69.0	64.6	64.6	26
27	52.2E	48.8	44.5	48.3A	85.4E	105 E	96.9E	85.0	71.5E	71.6	65.1	65.1	27
28	52.3A	50.4	46.0	47.9	86.3E	104 E	96.9E	80.9	71.1E	69.7	64.9	65.0	28
29	53.4		44.6	51.2	87.2E	104 E	96.9E	87.6	70.7E	75.4	65.2	64.2	29
30	51.7		47.0A	52.1	88.1E	104 E	96.8E	81.4	70.3E	73.2	65.2	64.5	30
31	52.7		47.8E		89.0E		96.8E	80.8		70.3		65.4	31
TOTAL	1 591.1	1 411.8	1 470.5	1 376.3	2 300.8	3 045.6	3 097.9	2 888.2	2 369.2	2 178.6	1 991.8	2 014.8	TOTAL
MEAN	51.3	50.4	47.4	45.9	74.2	102	99.9	93.2	79.0	70.3	66.4	65.0	MEAN
MAX	53.4	52.9	50.3	52.1	89.0	108	104	96.8	87.7	75.4	73.0	66.9	MAX
MIN	50.1	48.7	44.0	43.0	52.9	90.0	95.9	80.8	70.3	63.2	60.7	63.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.5
MAXIMUM DAILY, 108 ON JUN 23
MINIMUM DAILY, 43.0 ON APR 10
MAXIMUM INSTANTANEOUS,
137 AT 16:59 CST ON JUL 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 30 N
LONG 107 43 40 W
DRAINAGE AREA, 78 700 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	137 000	JUL	268 000
FEB	122 000	AUG	250 000
MAR	127 000	SEP	205 000
APR	119 000	OCT	188 000
MAY	199 000	NOV	172 000
JUN	263 000	DEC	174 000

TOTAL DISCHARGE, 2 220 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED AS A RESULT OF WIND EFFECTS

CLEARWATER RIVER AT OUTLET OF LLOYD LAKE - STATION NO. 07CD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.1	9.91	8.56	8.49	13.2	35.6	26.0	22.1	21.7	20.3	20.7	18.1	1
2	13.0	9.83	8.45	8.45	14.4	35.6	25.7	20.9	21.0	21.0	20.4	18.0	2
3	13.0	9.68	8.46	8.43	16.0	36.0	25.6	21.2	22.1	20.4	19.6	17.9	3
4	13.0	9.59	8.46	8.40	17.5	35.9	25.6	22.2	21.3	20.0	19.0	17.8	4
5	12.8	9.48	8.36	8.34	19.4	36.8	25.9	23.1	20.5	19.6	18.8	18.0	5
6	12.8	9.64	8.22	8.41	20.3	35.4	26.0	23.1	20.6	18.5	18.8	17.9	6
7	12.8	9.48	8.19A	8.39	21.2	34.5	26.0	24.4	21.5	19.3	18.5	17.8	7
8	12.7	9.34	8.15E	8.51	22.3	36.3	25.6	23.3	20.9	20.3	18.3	17.5	8
9	12.5	9.20	8.11E	8.47	23.4	35.9	25.5	22.7	20.5	20.1	18.1	18.0	9
10	12.2	9.29	8.06E	8.39	24.8	35.3	25.0	22.1	22.3	19.7	18.2	17.6	10
11	12.1	9.19	8.03E	8.47	25.5	34.7	25.0	22.9	24.5	20.8	18.1	17.6	11
12	12.2	9.09	8.00E	8.53	26.8	34.3	23.7	23.6	22.9	20.4	17.9	17.6	12
13	12.0	8.89	8.00E	8.46	28.0	33.8	23.7	23.3	21.5	20.4	17.7	17.8	13
14	12.1	8.93	8.00E	8.39	29.0	32.9	23.1	23.0	21.2	20.9	17.6	17.8	14
15	11.9	8.79	8.00E	8.69	29.7	34.1	22.9	22.6	22.0	20.2	17.8	17.7	15
16	11.6	8.72	8.00E	8.74	30.9	32.9	22.6	22.2	21.2	18.7	17.5	17.7	16
17	11.5	8.79	8.00E	8.70	31.9	32.8	22.4	22.6	21.6	20.5	17.4	18.0	17
18	11.4	8.78	8.00E	8.78	31.9	32.7	21.8	23.6	22.3	21.1	17.7	17.8	18
19	11.1	8.88	8.00E	8.75	32.6	32.5	23.8	23.5	21.2	20.7	17.7	17.6	19
20	11.0	8.87	8.00E	8.67	33.6	31.1	24.5	23.4	21.2	20.2	18.0	17.7	20
21	10.8	8.81	8.00E	8.80	34.3	30.0	21.9	23.0	21.1	20.1	17.9	17.4	21
22	10.7	8.66	8.00A	8.90	34.3	31.7	21.0	22.9	21.5	19.7	18.0	17.2	22
23	10.5	8.69	8.13	9.04	36.0	31.2	24.9	23.5	20.9	20.8	17.9	17.3	23
24	10.4	8.65	8.12	9.52	36.5	30.2	23.9	23.1	20.9	20.0	18.0	17.1	24
25	10.4	8.54	8.04	9.79	35.9	29.7	23.4	23.7	22.0	20.1	17.9	17.2	25
26	10.5	8.40	7.86	10.0	36.4	29.5	23.4	22.9	21.1	20.3	17.8	17.3	26
27	10.6	8.53	7.95	10.4	35.3	27.8	23.6	20.4	20.1	21.0	17.9	17.2	27
28	10.3	8.67	8.14	11.0	36.2	26.7	23.8	21.2	19.8	20.1	18.0	17.1	28
29	10.1		8.12	12.1	36.0	26.7	23.1	22.2	20.8	21.7	18.0	17.0	29
30	9.94		8.67	12.7	36.3	25.8	23.2	20.9	20.4	20.8	18.0	16.9	30
31	10.0		8.63		37.1		22.7	20.7		20.2		17.1	31
TOTAL	359.04	253.32	252.71	272.71	886.7	978.4	745.3	700.3	640.6	627.9	547.2	544.7	TOTAL
MEAN	11.6	9.05	8.15	9.09	28.6	32.6	24.0	22.6	21.4	20.3	18.2	17.6	MEAN
MAX	13.1	9.91	8.67	12.7	37.1	36.8	26.0	24.4	24.5	21.7	20.7	18.1	MAX
MIN	9.94	8.40	7.86	8.34	13.2	25.8	21.0	20.4	19.8	18.5	17.4	16.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.7
MAXIMUM DAILY, 37.1 ON MAY 31
MINIMUM DAILY, 7.86 ON MAR 26
MAXIMUM INSTANTANEOUS,
40.1 AT 14:00 CST ON MAY 24

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 19 50 N
LONG 108 45 50 W
DRAINAGE AREA, 4 250 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 000	JUL	66 400
FEB	21 900	AUG	60 500
MAR	21 800	SEP	55 300
APR	23 600	OCT	54 300
MAY	76 600	NOV	47 300
JUN	84 500	DEC	47 100

TOTAL DISCHARGE, 588 000 dam³

CONJURING CREEK NEAR PREECEVILLE - STATION NO. 05NC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.005B	0.018B	0.096	0.006	0.003	0.005	0.008	0.013	0.010A	---	1
2	---	---	0.005B	0.007B	0.055	0.007	0.004	0.010	0.010	0.015	---	---	2
3	---	---	0.005B	0.005B	0.048	0.005	0.004	0.011	0.007	0.016	---	---	3
4	---	---	0.005B	0.013B	0.036	0.007	0.002	0.007	0.006	0.012	---	---	4
5	---	---	0.005B	0.018B	0.018	0.003	0.001	0.005	0.010	0.009	---	---	5
6	---	---	0.005B	0.025B	0.022	0.007	0.002	0.006	0.015	0.007	---	---	6
7	---	---	0.005B	0.028B	0.018	0.008	0.004	0.004	0.011	0.007	---	---	7
8	---	---	0.005B	0.040B	0.007	0.008	0.004	0.005	0.008	0.006	---	---	8
9	---	---	0.005B	0.025B	0.005	0.005	0.005	0.010	0.007	0.006	---	---	9
10	---	---	0.005B	0.027B	0.003	0.003	0.004	0.008	0.007	0.006	---	---	10
11	---	---	0.005B	0.109B	0.003	0.003	0.005	0.009	0.007	0.007	---	---	11
12	---	---	0.005B	0.270B	0.045	0.004	0.006	0.011	0.006	0.010	---	---	12
13	---	---	0.005B	0.995B	0.075	0.004	0.005	0.013	0.006	0.007	---	---	13
14	---	---	0.005B	2.76 B	0.045	0.011	0.005	0.010	0.007	0.007	---	---	14
15	---	---	0.005B	4.75 B	0.021	0.004	0.005	0.008	0.007	0.006	---	---	15
16	---	---	0.005B	3.94 B	0.013	0.004	0.008	0.009	0.007	0.009	---	---	16
17	---	---	0.005B	2.75 B	0.022	0.004	0.026	0.008	0.006	0.010	---	---	17
18	---	---	0.005B	1.85 B	0.014	0.005	0.007	0.005	0.005	0.008	---	---	18
19	---	---	0.005B	1.19 B	0.012	0.007	0.007	0.005	0.007	0.004	---	---	19
20	---	---	0.005B	0.999B	0.009	0.006	0.003	0.006	0.006	0.003	---	---	20
21	---	---	0.005B	0.807B	0.006	0.006	0.003	0.006	0.004	0.002	---	---	21
22	---	---	0.005B	0.701	0.014	0.006	0.002	0.008	0.009	0.007	---	---	22
23	---	---	0.005B	0.560	0.073	0.007	0.002	0.016	0.009	0.006	---	---	23
24	---	0.005B	0.005B	0.388	0.024	0.006	0.002	0.016	0.015	0.008	---	---	24
25	---	0.005B	0.005B	0.278	0.013	0.007	0.002	0.015	0.018	0.009	---	---	25
26	---	0.005B	0.006B	0.240	0.006	0.008	0.004	0.020	0.016	0.013	---	---	26
27	---	0.005B	0.006B	0.169	0.005	0.008	0.004	0.019	0.019	0.017	---	---	27
28	---	0.005B	0.006B	0.131	0.004	0.004	0.006	0.008	0.033	0.009	---	---	28
29	---		0.006B	0.119	0.007	0.005	0.008	0.007	0.023	0.022	---	---	29
30	---		0.020B	0.144	0.008	0.004	0.007	0.007	0.013	0.040	---	---	30
31	---		0.018B		0.010		0.006	0.006		0.028		---	31
TOTAL	---	---	0.187	23.356	0.737	0.172	0.156	0.283	0.312	0.329	---	---	TOTAL
MEAN	---	---	0.006	0.779	0.024	0.006	0.005	0.009	0.010	0.011	---	---	MEAN
MAX	---	---	0.020	4.75	0.096	0.011	0.026	0.020	0.033	0.040	---	---	MAX
MIN	---	---	0.005	0.005	0.003	0.003	0.001	0.004	0.004	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.104
MAXIMUM DAILY, 4.75B ON APR 15
MINIMUM DAILY, 0.001 ON JUL 5
MAXIMUM INSTANTANEOUS,
6.91B AT 11:25 CST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 56 30 N
LONG 102 43 00 W
DRAINAGE AREA, 255 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13.5
FEB	---	AUG	24.5
MAR	16.2	SEP	27.0
APR	2 020	OCT	28.4
MAY	63.7	NOV	---
JUN	14.9	DEC	---

TOTAL DISCHARGE, 2 310 dam³

CONNELL CREEK NEAR CONNELL CREEK - STATION NO. 05KC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.034B	0.237B	2.54	8.40	0.353	0.241	0.228	0.586	0.248	---	1
2	---	---	0.034B	0.138B	2.16	5.55	0.334	0.235	0.287	0.547	0.237A	---	2
3	---	---	0.034B	0.096B	1.75	4.17	0.368	0.240	0.290	0.530	---	---	3
4	---	---	0.034B	0.077B	1.44	3.32	0.376	0.271	0.241	0.520	---	---	4
5	---	---	0.034B	0.074B	1.14	2.69	0.391	0.269	0.199	0.489	---	---	5
6	---	---	0.034B	0.075B	1.11	2.29	0.387	0.231	0.165	0.471	---	---	6
7	---	---	0.034B	0.072B	1.08	1.96	0.477	0.206	0.146	0.433	---	---	7
8	---	---	0.034B	0.080B	1.01	1.66	0.606	0.185	0.132	0.407	---	---	8
9	---	---	0.034B	0.082B	0.970	1.39	0.513	0.170	0.142	0.390	---	---	9
10	---	---	0.034B	0.087B	0.958	1.15	0.412	0.188	0.140	0.368	---	---	10
11	---	---	0.035B	0.115B	0.969	0.991	0.354	0.215	0.128	0.349	---	---	11
12	---	---	0.036B	0.110B	0.932	0.868	0.341	0.206	0.122	0.370	---	---	12
13	---	---	0.038B	0.099B	0.871	0.770	0.322	0.348	0.124	0.388	---	---	13
14	---	---	0.039B	0.176B	0.834	0.679	0.308	0.524	0.127	0.381	---	---	14
15	---	---	0.040B	7.76 B	0.800	0.608	0.357	0.450	0.140	0.354	---	---	15
16	---	---	0.050B	5.49 B	1.11	0.581	0.482	0.367	0.137	0.350	---	---	16
17	---	---	0.060B	3.52 B	1.13	0.642	0.619	0.308	0.141	0.356	---	---	17
18	---	---	0.080B	3.04 B	1.16	0.623	0.542	0.265	0.143	0.343	---	---	18
19	---	---	0.095B	3.15 B	1.11	0.580	0.579	0.225	0.157	0.350	---	---	19
20	---	---	0.105B	3.23 B	1.01	0.554	0.767	0.200	0.166	0.352	---	---	20
21	---	---	0.112B	3.26 B	0.957	0.535	0.530	0.180	0.152	0.335	---	---	21
22	---	---	0.112B	3.87	0.953	0.508	0.348	0.162	0.147	0.315	---	---	22
23	---	---	0.117B	5.02	0.927	0.506	0.296	0.149	0.156	0.297	---	---	23
24	---	---	0.118B	5.40	0.877	0.488	0.267	0.156	0.142	0.300	---	---	24
25	---	---	0.124B	6.25	0.843	0.491	0.254	0.173	0.135	0.296	---	---	25
26	---	---	0.134B	8.39	0.774	0.462	0.232	0.205	0.130	0.296	---	---	26
27	---	---	0.122B	8.07	0.746	0.427	0.228	0.219	0.139	0.283	---	---	27
28	---	---	0.118B	3.68	0.723	0.399	0.220	0.188	0.153	0.277	---	---	28
29	---		0.114B	3.27	1.82	0.382	0.215	0.168	0.236	0.271	---	---	29
30	---		0.116B	2.96	8.12	0.369	0.256	0.157	0.661	0.257	---	---	30
31	---		0.208B		11.8		0.268	0.185		0.236		---	31
TOTAL	---	---	2.313	67.878	52.624	44.843	12.002	7.286	5.406	11.497	---	---	TOTAL
MEAN	---	---	0.075	2.26	1.70	1.47	0.387	0.235	0.180	0.371	---	---	MEAN
MAX	---	---	0.208	7.76	11.8	8.40	0.767	0.524	0.661	0.586	---	---	MAX
MIN	---	---	0.034	0.072	0.723	0.369	0.215	0.149	0.122	0.236	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.829
MAXIMUM DAILY, 11.8 ON MAY 31
MINIMUM DAILY, 0.034B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.7 AT 11:46 CST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 03 N
LONG 103 25 49 W
DRAINAGE AREA, 355 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 040
FEB	---	AUG	630
MAR	200	SEP	467
APR	5 860	OCT	993
MAY	4 550	NOV	---
JUN	3 810	DEC	---

TOTAL DISCHARGE, 17 600 dam³

COOKSON RESERVOIR NEAR CORONACH - STATION NO. 11AE013

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	751.867	751.916	751.969	751.850	753.106	753.157	752.989	752.946	752.750	752.613	752.620	752.618	1
2	751.872	751.915	751.969	751.847	753.127	753.160	752.990	752.936	752.744	752.619	752.619	752.622	2
3	751.872	751.916	751.975	751.832	753.140	753.154	752.991	752.929	752.741	752.621	752.615	752.626	3
4	751.874	751.916	751.971	751.807	753.137	753.149	752.991	752.923	752.736	752.617	752.614	752.628	4
5	751.876	751.920	751.971	751.786	753.130	753.141	752.985	752.923	752.729	752.618	752.614	752.629	5
6	751.879	751.921	751.971	751.760	753.118	753.126	752.973	752.920	752.725	752.618	752.616	752.626	6
7	751.880	751.919	751.971	751.736	753.112	753.107	752.973	752.911	752.722	752.621	752.616	752.622	7
8	751.879	751.918	751.968	751.711	753.106	753.099	752.968	752.902	752.721	752.622	752.617	752.622	8
9	751.878	751.923	751.973	751.684	753.099	753.091	752.967	752.893	752.719	752.626	752.614	752.629	9
10	751.878	751.926	751.975	751.663	753.096	753.086	752.968	752.882	752.708	752.624	752.615	752.627	10
11	751.880	751.931	751.975	751.650	753.089	753.083	752.969	752.879	752.697	752.624	752.611	752.630	11
12	751.881	751.937	751.975	751.703	753.086	753.078	752.970	752.872	752.690	752.626	752.606	752.637	12
13	751.882	751.935	751.973	751.872	753.085	753.075	752.967	752.865	752.678	752.627	752.607	752.640	13
14	751.893	751.941	751.974	752.542	753.084	753.067	752.960	752.865	752.668	752.632	752.609	752.647	14
15	751.892	751.939	751.976	753.026	753.082	753.071	752.955	752.854	752.661	752.630	752.609	752.648	15
16	751.900	751.944	751.980	752.851	753.083	753.067	752.962	752.849	752.660	752.631	752.611	752.650	16
17	751.909	751.944	751.982	752.858	753.087	753.057	752.967	752.848	752.659	752.633	752.613	752.656	17
18	751.913	751.944	751.982	753.027	753.082	753.049	752.968	752.846	752.658	752.626	752.615	752.658	18
19	751.915	751.948	751.981	753.050	753.078	753.042	752.970	752.838	752.650	752.621	752.611	752.659	19
20	751.916	751.950	751.980	752.949	753.085	753.038	752.968	752.832	752.648	752.623	752.604	752.662	20
21	751.917	751.952	751.980	752.945	753.085	753.035	752.962	752.822	752.645	752.625	752.606	752.666	21
22	751.919	751.954	751.981	752.986	753.082	753.029	752.962	752.810	752.641	752.625	752.607	752.666	22
23	751.920	751.956	751.978	753.045	753.079	753.010	752.958	752.799	752.636	752.629	752.607	752.667	23
24	751.924	751.966	751.972	753.079	753.071	752.999	752.956	752.794	752.630	752.633	752.611	752.664	24
25	751.928	751.967	751.955	753.091	753.070	752.990	752.951	752.787	752.626	752.634	752.609	752.665	25
26	751.928	751.968	751.928	753.090	753.069	752.991	752.950	752.781	752.621	752.636	752.607	752.668	26
27	751.918	751.966	751.910	753.079	753.061	752.989	752.956	752.774	752.617	752.635	752.613	752.662	27
28	751.916	751.970	751.894	753.072	753.069	753.000	752.954	752.769	752.621	752.630	752.615	752.666	28
29	751.914		751.877A	753.078	753.094	752.992	752.951	752.766	752.613	752.623	752.618	752.672	29
30	751.911		751.866E	753.092	753.130	752.989	752.947	752.756	752.612	752.620	752.619	752.678	30
31	751.914		751.857A		753.146		752.948	752.756		752.621		752.681	31
MEAN	751.898	751.939	751.958	752.459	753.096	753.064	752.966	752.849	752.674	752.625	752.612	752.648	MEAN
MAX	751.928	751.970	751.982	753.092	753.146	753.160	752.991	752.946	752.750	752.636	752.620	752.681	MAX
MIN	751.867	751.915	751.857	751.650	753.061	752.989	752.947	752.756	752.612	752.613	752.604	752.618	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 752.569
MAXIMUM DAILY, 753.160 ON JUN 2
MINIMUM DAILY, 751.650 ON APR 11
MAXIMUM INSTANTANEOUS,
753.168 AT 15:54 CST ON JUN 2

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUN

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 03 40 N
LONG 105 28 33 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1975

COTTONWOOD CREEK NEAR LUMSDEN - STATION NO. 05JF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	B	1.78	0.150	0.002	0	0	0	---	---	1
2	---	---	0B	0	B	1.46	0.117	0.000	0	0	0	---	---	2
3	---	---	0B	0	B	1.26	0.093	0.002	0	0	0	---	---	3
4	---	---	0B	0	B	1.19	0.072	0.001	0	0	0	---	---	4
5	---	---	0B	0	B	1.12	0.056	0.002	0	0	0	---	---	5
6	---	---	0B	0	B	0.925	0.051	0.001	0	0	0	---	---	6
7	---	---	0B	0	B	0.859	0.024	0.001	0	0	0	---	---	7
8	---	---	0B	0	B	0.687	0.020	0.001	0	0	0	---	---	8
9	---	---	0B	0	B	0.507	0.019	0.001	0	0	0	---	---	9
10	---	---	0B	0	B	0.472	0.015	0.001	0	0	0	---	---	10
11	---	---	0B	0	B	0.468	0.014	0	0	0	0	---	---	11
12	---	---	0B	0.030	B	0.496	0.017	0	0	0	0	---	---	12
13	---	---	0B	0.250	B	0.422	0.009	0	0	0	0	---	---	13
14	---	---	0B	1.00	B	0.381	0.008	0	0	0	0	---	---	14
15	---	---	0B	5.60	B	0.440	0.007	0	0	0	0	---	---	15
16	---	---	0B	35.0	B	0.388	0.009	0.001	0	0	0	---	---	16
17	---	---	0B	47.2		0.297	0.007	0.005	0	0	0	---	---	17
18	---	---	0B	40.6		0.214	0.006	0.001	0	0	0	---	---	18
19	---	---	0B	31.8		0.149	0.006	0.001	0	0	0	---	---	19
20	---	---	0B	28.8		0.140	0.005	0	0	0	0	---	---	20
21	---	---	0B	21.3		0.123	0.005	0	0	0	0	---	---	21
22	---	---	0B	14.8		0.105	0.004	0.002	0	0	0	---	---	22
23	---	---	0B	11.6		0.088	0.004	0.001	0	0	0	---	---	23
24	---	---	0B	8.92		0.076	0.003	0	0	0	0	---	---	24
25	---	---	0B	6.75		0.064	0.002	0	0	0	0	---	---	25
26	---	---	0B	5.26		0.056	0.002	0	0	0	0	---	---	26
27	---	---	0B	4.36		0.050	0.002	0	0	0	0	---	---	27
28	---	---	0B	3.68		0.070	0.002	0	0	0	0	---	---	28
29	---		0B	2.90		0.153	0.002	0	0	0	0	---	---	29
30	---		0B	2.27		0.168	0.003	0	0	0	0	---	---	30
31	---		0B			0.146		0	0		0		---	31
TOTAL	---	---	0	272.120		10.754	0.733	0.027	0	0	0	---	---	TOTAL
MEAN	---	---	0	9.07		0.476	0.024	0.001	0	0	0	---	---	MEAN
MAX	---	---	0	47.2		1.78	0.150	0.005	0	0	0	---	---	MAX
MIN	---	---	0	0		0.050	0.002	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 47.2 ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
49.7 AT 07:02 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 26 N
LONG 104 54 31 W
DRAINAGE AREA, 613 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.33
FEB	---	AUG	0
MAR	0	SEP	0
APR	23 500	OCT	0
MAY	1 270	NOV	---
JUN	63.3	DEC	---

TOTAL DISCHARGE, 24 800 dam³

COWAN LAKE NEAR HONEYMOON POINT - STATION NO. 06AE002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	476.342	476.298	476.146	476.170	476.145E	476.301	---	1
2	---	---	---	---	---	476.338	476.290	476.146	476.174	476.143	476.307	---	2
3	---	---	---	---	---	476.332	476.296	476.175	476.172	476.149	476.309	---	3
4	---	---	---	---	---	476.331E	476.289E	476.175	476.174	476.161	---	---	4
5	---	---	---	---	---	476.329	476.281	476.179	476.158	476.172E	---	---	5
6	---	---	---	---	---	476.355	476.277	476.177	476.160	476.182E	---	---	6
7	---	---	---	---	---	476.357E	476.237	476.209	476.156	476.193E	---	---	7
8	---	---	---	---	---	476.360E	476.213	476.169	476.158E	476.203	---	---	8
9	---	---	---	---	---	476.362E	476.191	476.166E	476.160	476.205	---	---	9
10	---	---	---	---	---	476.365	476.181	476.164E	476.160	476.203	---	---	10
11	---	---	---	---	---	476.355	476.179	476.162E	476.156	476.209E	---	---	11
12	---	---	---	---	---	476.349	476.167	476.159	476.170	476.215	---	---	12
13	---	---	---	---	476.324	476.353	476.167	476.161	476.163E	476.219	---	---	13
14	---	---	---	---	476.325	476.353	476.165	476.165	476.156E	476.219	---	---	14
15	---	---	---	---	476.308	476.355	476.165	476.163	476.150	476.225	---	---	15
16	---	---	---	---	476.314	476.353	476.171	476.156E	476.148	476.235E	---	---	16
17	---	---	---	---	476.312	476.361	476.175	476.149	476.150	476.245	---	---	17
18	---	---	---	---	476.308	476.363	476.167	476.156	476.156	476.251	---	---	18
19	---	---	---	---	476.304	476.362	476.168	476.154	476.150	476.252E	---	---	19
20	---	---	---	---	476.308	476.352	476.173	476.150	476.144	476.253	---	---	20
21	---	---	---	---	476.306	476.354	476.154	476.150	476.147E	476.253	---	---	21
22	---	---	---	---	476.309E	476.346	476.160E	476.158	476.150	476.259	---	---	22
23	---	---	---	---	476.312	476.370	476.166	476.160	476.140	476.259E	---	---	23
24	---	---	---	---	476.326	476.360	476.158	476.164	476.140E	476.259	---	---	24
25	---	---	---	---	476.314	476.352	476.154	476.160	476.140E	476.267	---	---	25
26	---	---	---	---	476.333	476.350	476.144	476.150	476.139	476.271	---	---	26
27	---	---	---	---	476.336	476.348	476.142	476.146	476.134E	476.278E	---	---	27
28	---	---	---	---	476.344	476.344	476.168	476.149E	476.129	476.285	---	---	28
29	---		---	---	476.350	476.340	476.156	476.152	476.163	476.287E	---	---	29
30	---		---	---	476.332	476.336	476.152	476.156	476.147	476.289	---	---	30
31	---		---		476.348		476.158	476.164		476.293		---	31
MEAN	---	---	---	---	---	476.351	476.192	476.161	476.154	476.228	---	---	MEAN
MAX	---	---	---	---	---	476.370	476.298	476.209	476.174	476.293	---	---	MAX
MIN	---	---	---	---	---	476.329	476.182	476.146	476.129	476.143	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 476.370 ON JUN 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 57 52 N
LONG 107 12 26 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CREE LAKE AT CABLE BAY - STATION NO. 07LD001

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	486.540	486.577	486.616	486.663	486.726	486.812	486.849	486.913	486.844	486.781	486.711	486.739	1
2	486.540	486.577	486.620	486.663	486.727	486.804	486.872	486.949	486.850	486.792	486.705	486.741	2
3	486.545	486.582	486.620	486.664	486.729	486.806	486.869	486.968	486.840	486.794	486.715	486.743	3
4	486.545	486.585	486.617	486.665	486.728	486.812	486.892	486.899	486.853	486.787	486.728	486.746	4
5	486.543	486.584	486.617	486.669	486.740	486.826	486.872	486.868	486.848	486.773	486.716	486.741	5
6	486.543	486.583	486.621	486.669	486.746	486.850	486.868	486.885	486.838	486.786	486.714	486.738	6
7	486.541	486.584	486.622	486.666	486.751	486.840	486.842	486.908	486.832	486.784	486.712	486.737	7
8	486.540	486.586	486.627	486.673	486.753	486.840	486.847	486.914	486.831	486.773	486.714	486.747	8
9	486.548	486.589	486.629	486.678	486.756	486.839	486.840	486.911	486.844	486.773	486.683	486.741	9
10	486.552	486.591	486.630	486.684	486.752	486.846	486.843	486.913	486.840	486.771	486.703	486.742	10
11	486.558	486.593	486.635	486.685	486.760	486.842	486.853	486.911	486.795	486.759	486.698	486.748	11
12	486.557	486.591	486.634	486.686	486.758	486.848	486.859	486.903	486.830	486.759	486.702	486.752	12
13	486.556	486.596	486.635	486.690	486.756	486.850	486.845	486.893	486.833	486.755	486.700	486.756	13
14	486.550	486.596	486.639	486.694	486.760	486.847	486.851	486.896	486.808	486.759	486.713	486.753	14
15	486.549	486.601	486.637	486.696	486.767	486.846	486.851	486.898	486.819	486.758	486.711	486.759	15
16	486.555	486.607	486.637	486.704	486.765	486.855	486.861	486.904	486.835	486.818	486.710	486.758	16
17	486.560	486.601	486.641	486.704	486.761	486.848	486.843	486.907	486.826	486.774	486.721	486.755	17
18	486.562	486.606	486.640	486.703	486.774	486.849	486.820	486.906	486.824	486.750	486.712	486.755	18
19	486.560	486.608	486.639	486.701	486.775	486.854	486.809	486.907	486.825	486.735	486.721	486.759	19
20	486.557	486.607	486.639	486.705	486.774	486.859	486.794	486.907	486.817	486.741	486.727	486.760	20
21	486.561	486.604	486.641	486.705	486.776	486.856	486.822	486.909	486.819	486.750	486.722	486.762	21
22	486.562	486.609	486.640	486.707	486.777	486.845	486.876	486.903	486.826	486.763	486.721	486.766	22
23	486.563	486.610	486.646	486.709	486.775	486.845	486.832	486.884	486.820	486.733	486.725	486.762	23
24	486.568	486.610	486.647	486.706	486.777	486.834	486.855	486.855	486.815	486.743	486.724	486.763	24
25	486.569	486.607	486.651	486.710	486.778	486.831	486.864	486.834	486.813	486.745	486.725	486.763	25
26	486.580	486.612	486.659	486.715	486.792	486.828	486.864	486.842	486.818	486.747	486.729	486.770	26
27	486.571	486.618	486.652	486.716	486.807	486.833	486.869	486.862	486.827	486.732	486.731	486.767	27
28	486.578	486.614	486.652	486.719	486.808	486.840	486.869	486.860	486.843	486.744	486.731	486.768	28
29	486.577		486.661	486.716	486.808	486.830	486.874	486.843	486.820	486.718	486.738	486.770	29
30	486.582		486.658	486.719	486.812	486.830	486.868	486.853	486.789	486.717	486.742	486.770	30
31	486.578		486.659		486.810		486.886	486.851		486.725		486.773	31
MEAN	486.558	486.597	486.637	486.693	486.767	486.838	486.854	486.892	486.827	486.759	486.717	486.755	MEAN
MAX	486.582	486.618	486.661	486.719	486.812	486.859	486.892	486.968	486.853	486.818	486.742	486.773	MAX
MIN	486.540	486.577	486.616	486.663	486.724	486.804	486.794	486.834	486.789	486.717	486.683	486.737	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 486.742
MAXIMUM DAILY, 486.968 ON AUG 3
MINIMUM DAILY, 486.540 ON JAN 1
MAXIMUM INSTANTANEOUS,
486.994 AT 13:13 CST ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 21 00 N
LONG 107 08 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET-UP

CREE RIVER AT OUTLET OF WAPATA LAKE - STATION NO. 07LD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75.7	47.4	48.5	52.2	108	142	129	132E	137	130	110	91.0	1
2	75.2	47.1	48.4	52.4	118	142	133	132E	137	129	104	93.2	2
3	74.2	47.3	48.8	53.1	131	140	133	132E	138	128	98.8	94.3	3
4	73.5	47.2	49.0	53.8	144	140	134	133E	139	127	96.6	95.1	4
5	72.6	47.3	49.2	53.4	156	140	135	134E	139	127	95.3	95.4	5
6	71.1	47.4	49.0	53.7	163	140	134	135E	139	127	94.9	95.8	6
7	69.0	47.9	49.2	53.9	165	140	133	136E	138	126	94.6	95.6	7
8	67.8	48.0	49.2	55.0	165	139	133	137E	138	125	94.7	95.6	8
9	66.7	48.2	49.0	55.4	164	138	133	138E	138	125	94.7	96.0	9
10	66.0	48.3	48.9	55.9	162	139	132	139A	140	125	94.8	95.7	10
11	64.9	48.1	48.9	56.0	161	140	130	140	140	124	94.6	95.2	11
12	63.9	48.5	48.9	56.2	159	141	130	141	140	122	94.8	94.8	12
13	62.6	48.6	49.1	56.7	158	141	129	141	140	122	94.7	94.8	13
14	61.5	48.1	49.0	56.5	157	140	128	142	140	121	93.2	94.5	14
15	60.2	48.4	49.3	57.0	156	140	127	142	141	121	91.7	94.7	15
16	59.2	48.6	49.2	57.5	154	140	125	143	141	120	90.5	94.7	16
17	57.9	48.3	49.0	57.8	153	139	124A	144	140	120	90.2	94.3	17
18	56.9	48.3	48.9	57.7	152	137	123E	144	140	119	90.7	94.2	18
19	56.1	48.2	49.2	57.7	151	138	122E	143	140	118	90.3	94.1	19
20	55.2	48.2	48.7	58.0	150	138	121E	142	140	118	90.0	93.7	20
21	54.3	48.1	48.6	59.6	149	137	120E	142	140	118	89.7	93.3	21
22	53.3	48.2	48.7	60.7	148	136	122E	142	138	117	88.7	92.8	22
23	52.5	47.8	48.7	63.0	147	136	124E	140	137	117	87.5	93.3	23
24	51.7	47.6	48.7	66.1	145	135	128E	139	137	116	86.7	93.3	24
25	51.2	47.7	49.1	70.1	144	134	131E	137	136	116	86.4	93.4	25
26	50.5	48.2	49.5	74.6	143	132	132E	137	135	116	86.3	93.7	26
27	50.2	48.1	49.7	79.5	144	132	133E	137	134	116	86.2	93.8	27
28	49.4	48.3	50.6	84.9	142	132	133E	137	133	115	86.1	93.2	28
29	48.7		51.0	91.4	142	130	133E	137	131	115	87.2	92.7	29
30	48.0		51.7	99.4	143	129	132E	137	130	114	88.7	92.5	30
31	47.7		52.0		143		132E	137		113		92.6	31
TOTAL	1 867.7	1 343.4	1 527.7	1 858.4	4 617	4 127	4 008	4 292	4 136	3 747	2 772.6	2 917.3	TOTAL
MEAN	60.2	48.0	49.3	61.9	149	138	129	138	138	121	92.4	94.1	MEAN
MAX	75.7	48.6	52.0	99.4	165	142	135	144	141	130	110	96.0	MAX
MIN	47.7	47.1	48.4	52.2	108	129	120	132	130	113	86.1	91.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 102
MAXIMUM DAILY, 165 ON MAY 7
MINIMUM DAILY, 47.1 ON FEB 2
MAXIMUM INSTANTANEOUS,
166 AT 17:15 CST ON MAY 8

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 51 30 N
LONG 105 49 10 W
DRAINAGE AREA, 21 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	161 000	JUL	386 000
FEB	116 000	AUG	371 000
MAR	132 000	SEP	357 000
APR	161 000	OCT	324 000
MAY	399 000	NOV	240 000
JUN	357 000	DEC	252 000

TOTAL DISCHARGE, 3 220 000 dam³

CREIGHTON TRIBUTARY NEAR TOTNES - STATION NO. 05HF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 B	0.002	0.007	0	0	0	0.002	0B	---	1
2	---	---	0 B	0 B	0.002	0.004	1.87	0.003	0	0.002	0B	---	2
3	---	---	0 B	0 B	0.002	0.003	0.311	0.001	0	0.001	---	---	3
4	---	---	0 B	0 B	0.002	0.002	0.053	0.001	0	0.001	---	---	4
5	---	---	0 B	0 B	0.002	0.002	0.008	0	0	0.001	---	---	5
6	---	---	0 B	0 B	0.002	0.002	0.002	0	0	0.001	---	---	6
7	---	---	0 B	0 B	0.002	0.002	0.001	0	0	0.001	---	---	7
8	---	---	0 B	0 B	0.002	0.002	0.001	0	0	0.001	---	---	8
9	---	---	0 B	0 B	0.002	0.001	0.001	0	0	0.001	---	---	9
10	---	---	0 B	0.001B	0.061	0.001	0.001	0	0	0.001	---	---	10
11	---	---	0 B	0.093B	0.001	0.001	0	0	0	0.001	---	---	11
12	---	---	0 B	0.244B	0.002	0.001	0	0	0	0.001	---	---	12
13	---	---	0 B	0.573B	0.002	0.001	0	0	0	0.001	---	---	13
14	---	---	0 B	0.890B	0.002	0.001	0.001	0	0	0.001	---	---	14
15	---	---	0 B	0.714B	0.002	0.002	0.001	0	0	0.001	---	---	15
16	---	---	0 B	0.536B	0.002	0.001	0.001	0	0	0.001	---	---	16
17	---	---	0 B	0.319B	0.003	0.001	0.001	0	0	0.001	---	---	17
18	---	---	0 B	0.173B	0.002	0.001	0.001	0	0	0.001	---	---	18
19	---	---	0 B	0.077B	0.003	0	0	0	0	0.001	---	---	19
20	---	---	0 B	0.072	0.004	0	0	0	0	0.001	---	---	20
21	---	---	0 B	0.066	0.003	0	0	0	0	0.001	---	---	21
22	---	---	0 B	0.059	0.002	0	0	0	0	0.001	---	---	22
23	---	---	0 B	0.042	0.001	0	0	0	0.001	0.001	---	---	23
24	---	0B	0 B	0.021	0.002	0	0	0	0.001	0.001	---	---	24
25	---	0B	0 B	0.011	0.002	0.001	0	0	0	0.001	---	---	25
26	---	0B	0 B	0.007	0.004	0.001	0	0	0	0.001	---	---	26
27	---	0B	0 B	0.005	0.014	0.001	0	0	0	0	---	---	27
28	---	0B	0 B	0.004	0.005	0.001	0	0	0.001	0	---	---	28
29	---		0 B	0.003	0.032	0	0	0	0.001	0	---	---	29
30	---		0.002B	0.003	0.042	0.001	0	0	0.002	0	---	---	30
31	---		0.003B		0.018		0	0		0 B		---	31
TOTAL	---	---	0.005	3.913	0.167	0.040	2.253	0.005	0.006	0.028	---	---	TOTAL
MEAN	---	---	0	0.130	0.005	0.001	0.073	0	0	0.001	---	---	MEAN
MAX	---	---	0.003	0.890	0.042	0.007	1.87	0.003	0.002	0.002	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.026
MAXIMUM DAILY, 1.87 ON JUL 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
25.6 AT 19:35 CST ON JUL 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 08 N
LONG 108 27 03 W
DRAINAGE AREA, 13.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	195
FEB	---	AUG	0.43
MAR	0.43	SEP	0.52
APR	338	OCT	2.42
MAY	14.4	NOV	---
JUN	3.46	DEC	---

TOTAL DISCHARGE, 555 dam³

REMARKS - STAGE-DISCHARGE RELATION NOT DEFINED BY DISCHARGE MEASUREMENT ABOVE 5 m³/s

CROMARTY CREEK NEAR BIRCH HILLS - STATION NO. 05MN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.005	0	0	0	0	0	0	---	1
2	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0.200B	0	0	0	0	0	0	---	---	12
13	---	---	0B	1.00 B	0	0	0	0	0	0	---	---	13
14	---	---	0B	3.82	0	0	0	0	0	0	---	---	14
15	---	---	0B	2.80	0	0	0	0	0	0	---	---	15
16	---	---	0B	1.19	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.885	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.545	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.403	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.301	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.181	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.116	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.077	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.050	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.030	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.016	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.010	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.009	0	0	0	0	0	0	---	---	28
29	---		0B	0.007	0	0	0	0	0	0	---	---	29
30	---		0B	0.006	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	11.646	0.009	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.388	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	3.82	0.005	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.048
MAXIMUM DAILY, 3.82 ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.83 AT 22:25 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 57 32 N
LONG 105 28 16 W
DRAINAGE AREA, 71.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 010	OCT	0
MAY	0.78	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 010 dam³

CROOKED HILL CREEK NEAR CAMORA - STATION NO. 05MB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.034B	0.008	0.001	0	0.025	0.002	0.002	---	---	1
2	---	---	0 B	0.072B	0.006	0.001	0	0.020	0.002	0.002	---	---	2
3	---	---	0 B	0.123B	0.005	0.001	0	0.017	0.002	0.002	---	---	3
4	---	---	0 B	0.015B	0.004	0.001	0	0.014	0.002	0.003	---	---	4
5	---	---	0 B	0.007B	0.040	0.001	0	0.012	0.002	0.010	---	---	5
6	---	---	0 B	0.007B	0.020	0.005	0	0.010	0.002	0.006	---	---	6
7	---	---	0 B	0.014B	0.010	0.003	0	0.013	0.010	0.003	---	---	7
8	---	---	0 B	0.040B	0.006	0.002	0	0.013	0.006	0.002	---	---	8
9	---	---	0 B	0.062B	0.004	0.001	0	0.013	0.002	0.001	---	---	9
10	---	---	0 B	0.033B	0.004	0.001	0	0.011	0.001	0	---	---	10
11	---	---	0 B	0.061B	0.003	0.001	0	0.009	0	0	---	---	11
12	---	---	0 B	0.124B	0.002	0.001	0	0.010	0	0	---	---	12
13	---	---	0 B	0.114B	0.002	0.001	0	0.013	0	0	---	---	13
14	---	---	0 B	0.329	0.002	0.001	0	0.011	0	0	---	---	14
15	---	---	0 B	0.363	0.001	0	0	0.009	0	0	---	---	15
16	---	---	0 B	0.394	0.001	0	0	0.007	0	0	---	---	16
17	---	---	0 B	0.617	0.001	0	1.84 E	0.005	0	0	---	---	17
18	---	---	0 B	0.494	0.001	0	1.27 A	0.004	0	0	---	---	18
19	---	---	0 B	0.409	0.001	0	0.971	0.002	0	0	---	---	19
20	---	---	0 B	0.318	0.001	0	0.593	0.002	0	0	---	---	20
21	---	---	0 B	0.250	0.001	0	0.330	0.002	0	0	---	---	21
22	---	---	0.001B	0.150	0.001	0	0.240	0.002	0	0	---	---	22
23	---	---	0.002B	0.100	0.001	0	0.210	0.002	0	0	---	---	23
24	---	---	0.002B	0.070	0.001	0	0.160	0.002	0	0	---	---	24
25	---	---	0.002B	0.050	0.001	0	0.130	0.002	0	0	---	---	25
26	---	---	0.002B	0.033	0	0	0.100	0.002	0	0	---	---	26
27	---	---	0.002B	0.022	0	0	0.089	0.002	0	0	---	---	27
28	---	---	0.003B	0.015	0	0	0.070	0.002	0.002	0	---	---	28
29	---		0.006B	0.012	0	0	0.060	0.002	0.002	0 A	---	---	29
30	---		0.039B	0.010	0	0	0.040	0.002	0.002	0 E	---	---	30
31	---		0.124B		0.001		0.030	0.002		0 E		---	31
TOTAL	---	---	0.183	4.342	0.128	0.021	6.133	0.242	0.037	0.031	---	---	TOTAL
MEAN	---	---	0.006	0.145	0.004	0.001	0.198	0.008	0.001	0.001	---	---	MEAN
MAX	---	---	0.124	0.617	0.040	0.005	1.84	0.025	0.010	0.010	---	---	MAX
MIN	---	---	0	0.007	0	0	0	0.002	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.045
MAXIMUM DAILY, 1.84E ON JUL 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.83A AT 06:00 CST ON JUL 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 48 N
LONG 102 25 41 W
DRAINAGE AREA, 583 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	530
FEB	---	AUG	20.9
MAR	15.8	SEP	3.20
APR	175	OCT	2.68
MAY	11.1	NOV	---
JUN	1.81	DEC	---

TOTAL DISCHARGE, 960 dam³

CROOKED LAKE NEAR GRAYSON - STATION NO. 05JN006

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	450.890	450.907	450.871E	450.803	451.845	451.875	451.798	451.753	451.671	451.618	451.370	451.083	1
2	450.893	450.905A	450.869E	450.822	451.807	451.859	451.798	451.749	451.670	451.620	451.362	451.099	2
3	450.890	450.906E	450.868A	450.833	451.781	451.841	451.792	451.742	451.669	451.620	451.330	451.106	3
4	450.889	450.908A	450.871E	450.832	451.758	451.824	451.782	451.736	451.668	451.626	451.293	451.112	4
5	450.889	450.907E	450.873E	450.827	451.745	451.818	451.772	451.728	451.665	451.620	451.255	451.112	5
6	450.885	450.905E	450.876E	450.825	451.745	451.808	451.762	451.721	451.667	451.610	451.222	451.117	6
7	450.884	450.904E	450.878E	450.826	451.746	451.783	451.754	451.718	451.667	451.612	451.193	451.123	7
8	450.883	450.902E	450.881E	450.824	451.739	451.760	451.745	451.701	451.669	451.636	451.170	451.134A	8
9	450.884	450.901E	450.883E	450.825	451.753	451.741A	451.739	451.69[illegible]	451.666	451.663	451.148	451.147	9
10	450.883	450.899E	450.896E	450.822	451.778	451.719A	451.734	451.685	451.662	451.669	451.128	451.155	10
11	450.885	450.898E	450.889E	450.826	451.796	451.705A	451.730	451.679	451.656	451.667	451.113	451.160A	11
12	450.886	450.896E	450.891E	450.840	451.816	451.753	451.728	451.683	451.651	451.655	451.095	451.169	12
13	450.889	450.895E	450.894E	450.865	451.839	451.808	451.723	451.680	451.647	451.622	451.083	451.177	13
14	450.895	450.803E	450.896E	450.916	451.862	451.849	451.716	451.677	451.643	451.594	451.070	451.182	14
15	450.891	450.892E	450.899A	450.993	451.878	451.884	451.712	451.670	451.643	451.572	451.060	451.188	15
16	450.890	450.890E	450.897	451.109	451.898	451.884	451.717	451.661	451.645	451.555	451.054	451.193	16
17	450.892	450.889E	450.903	451.457	451.917	451.886	451.736	451.656	451.645	451.555	451.056	451.198	17
18	450.895	450.887E	450.902	451.842	451.933	451.892	451.734	451.657	451.642	451.545	451.063	451.195	18
19	450.895	450.886E	450.897	452.093	451.943	451.888A	451.772A	451.654	451.635	451.522	451.068	451.194	19
20	450.896	450.884E	450.892	452.245	451.949	451.882	451.809	451.649	451.632	451.499	451.077	451.191	20
21	450.896	450.883E	450.882	452.335	451.954	451.877	451.812	451.647	451.631	451.480	451.081	451.190	21
22	450.899	450.881E	450.872	452.376	451.956	451.871	451.823	451.648	451.634	451.463	451.094	451.193	22
23	450.902	450.880E	450.861	452.372	451.953	451.867	451.825	451.651	451.636	451.451	451.093	451.193	23
24	450.903	450.878E	450.850	452.319	451.949	451.849	451.813	451.657	451.631	451.440	451.085A	451.187	24
25	450.906	450.877E	450.843	452.243	451.944	451.839	451.807	451.660	451.632	451.431	451.083E	451.183	25
26	450.905	450.875E	450.836	452.161	451.943	451.835	451.809	451.658	451.631	451.422	451.082E	451.184	26
27	450.904	450.874E	450.833	452.084	451.937A	451.826	451.805	451.659	451.625	451.413	451.081E	451.182	27
28	450.902	450.872E	450.818	452.014	451.922	451.826	451.798	451.661	451.641	451.408	451.080E	451.179	28
29	450.903		450.804	451.951	451.908	451.820	451.795	451.664	451.642	451.401	451.079E	451.178	29
30	450.904		450.802	451.895	451.897	451.807	451.774	451.664	451.628	451.386	451.079A	451.178	30
31	450.906		450.799		451.888		451.766	451.665		451.377		451.179	31
MEAN	450.894	450.892	450.868	451.439	451.864	451.829	451.770	451.681	451.648	451.540	451.135	451.163	MEAN
MAX	450.906	450.908	450.903	452.376	451.956	451.892	451.825	451.753	451.671	451.669	451.370	451.198	MAX
MIN	450.883	450.872	450.799	450.803	451.739	451.705	451.712	451.647	451.625	451.377	451.054	451.083	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 451.397
MAXIMUM DAILY, 452.376 ON APR 22
MINIMUM DAILY, 450.799 ON MAR 31
MAXIMUM INSTANTANEOUS,
452.386 AT 19:59 CST ON APR 22

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 33 N
LONG 102 40 42 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1944

CRYSTAL CREEK NEAR IFFLEY - STATION NO. 05EG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.083B	0.120B	0.904	0.241	0.145	0.087	0.082	0.147	0.095A	---	1
2	---	---	0.083B	0.122B	0.773	0.235	0.554	0.127	0.067	0.131	---	---	2
3	---	---	0.083B	0.124B	0.651	0.214	0.664	0.218	0.040	0.143	---	---	3
4	---	---	0.083B	0.126B	0.536	0.186	0.454	0.247	0.020	0.150	---	---	4
5	---	---	0.083B	0.128B	0.457	0.264	0.476	0.218	0.019	0.148	---	---	5
6	---	---	0.083B	0.130B	0.393	0.269	0.409	0.153	0.026	0.151	---	---	6
7	---	---	0.083B	0.134B	0.303	0.284	0.295	0.172	0.037	0.137	---	---	7
8	---	---	0.083B	0.138B	0.304	0.357	0.307	0.148	0.036	0.122	---	---	8
9	---	---	0.083B	0.140B	0.295	0.321	0.269	0.072	0.037	0.113	---	---	9
10	---	---	0.083B	0.145B	0.351	0.238	0.264	0.031	0.041	0.096	---	---	10
11	---	---	0.083B	0.160B	0.308	0.164	0.191	0.036	0.048	0.090	---	---	11
12	---	---	0.083B	0.180B	0.320	0.139	0.198	0.040	0.047	0.087	---	---	12
13	---	---	0.083B	0.230B	0.283	0.097	0.201	0.018	0.042	0.078	---	---	13
14	---	---	0.083B	0.280B	0.202	0.057	0.267	0.090	0.054	0.075	---	---	14
15	---	---	0.083B	0.327B	0.254	0.048	0.285	0.076	0.058	0.069	---	---	15
16	---	---	0.084B	0.540B	0.273	0.046	0.288	0.024	0.052	0.087	---	---	16
17	---	---	0.085B	1.12 B	0.307	0.047	0.219	0.037	0.065	0.074	---	---	17
18	---	---	0.086B	1.59 B	0.332	0.027	0.218	0.044	0.045	0.076	---	---	18
19	---	---	0.088B	1.86 B	0.296	0.045	0.235	0.038	0.065	0.070	---	---	19
20	---	---	0.090B	2.04 B	0.290	0.046	0.256	0.025	0.068A	0.073	---	---	20
21	---	---	0.091B	1.98 B	0.297	0.092	0.282	0.058	0.063A	0.072	---	---	21
22	---	---	0.092B	2.05 B	0.309	0.120	0.216	0.051	0.067	0.089	---	---	22
23	---	---	0.094B	2.18	0.311	0.216	0.198	0.077	0.073	0.079	---	---	23
24	---	---	0.096B	2.38	0.219	0.242	0.128	0.085	0.075	0.081	---	---	24
25	---	---	0.098B	2.75	0.246	0.244	0.105	0.081	0.076	0.087	---	---	25
26	---	---	0.100B	2.62	0.197	0.154	0.113	0.071	0.099	0.088	---	---	26
27	---	---	0.105B	2.16	0.229	0.122	0.105	0.057	0.125	0.082	---	---	27
28	---	---	0.110B	1.68	0.245	0.146	0.114	0.055	0.138	0.126	---	---	28
29	---		0.115B	1.32	0.240	0.138	0.134	0.064	0.146	0.126	---	---	29
30	---		0.116B	1.07	0.210	0.152	0.102	0.061	0.145	0.122	---	---	30
31	---		0.118B		0.174		0.081	0.080		0.105		---	31
TOTAL	---	---	2.813	29.824	10.509	4.951	7.773	2.647	1.956	3.168	---	---	TOTAL
MEAN	---	---	0.091	0.994	0.339	0.165	0.251	0.085	0.065	0.102	---	---	MEAN
MAX	---	---	0.118	2.75	0.904	0.357	0.664	0.247	0.146	0.151	---	---	MAX
MIN	---	---	0.083	0.120	0.174	0.027	0.081	0.018	0.019	0.069	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.260
MAXIMUM DAILY, 2.75 ON APR 25
MINIMUM DAILY, 0.018 ON AUG 13
MAXIMUM INSTANTANEOUS,
2.82 AT 19:31 CST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 47 N
LONG 108 09 23 W
DRAINAGE AREA, 502 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	672
FEB	---	AUG	229
MAR	243	SEP	169
APR	2 580	OCT	274
MAY	908	NOV	---
JUN	428	DEC	---

TOTAL DISCHARGE, 5 500 dam³

CUMBERLAND LAKE NEAR CUMBERLAND HOUSE - STATION NO. 05KH002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	265.807	265.922	265.992	266.049	266.033	265.232	265.175	265.653	264.976	264.776	265.183	265.229	1
2	265.813	265.918	265.990	266.043	266.014	265.272	265.201	265.655	265.019	264.882	265.096	265.184	2
3	265.793	265.935	266.013	266.018	266.008	265.273	265.156	265.586	265.058	265.002	265.025	265.193	3
4	265.773	265.941	266.017	266.000	265.995	265.320	264.966	265.557	265.131	265.073	265.091	265.275	4
5	265.790	265.948	266.014	265.982	265.952	265.363	265.030	265.566	265.045	264.894	265.126	265.323	5
6	265.830	265.949	266.009	265.967	265.985	265.379	265.146	265.561	264.877	264.928	265.203	265.340	6
7	265.867	265.930	265.983	265.947	265.934	265.358	265.132	265.602	264.828	264.980	265.208	265.379	7
8	265.891	265.910	265.981	265.902	265.937	265.300	265.199	265.537	264.890	265.021	265.186	265.438	8
9	265.911	265.918	265.979	265.849	265.917	265.358	265.295	265.443	264.999	265.010	265.190	265.513	9
10	265.908	265.937	265.950	265.803	265.841	265.368	265.350	265.389	264.995	265.033	265.200	265.582	10
11	265.899	265.939	265.931	265.753	265.770	265.361	265.410	265.376	264.939	264.906	265.138	265.630	11
12	265.915	265.943	265.921	265.734	265.727	265.360	265.489	265.417	264.942	264.891	264.989	265.645	12
13	265.906	265.960	265.913	265.726	265.729	265.398	265.503	265.456	264.940	264.850	264.979	265.620	13
14	265.882	265.975	265.907	265.725	265.706	265.395	265.566	265.493	264.829	264.914	264.978	265.619	14
15	265.853	265.969	265.862	265.732	265.688	265.359	265.619	265.433	264.740	264.951	265.031	265.650	15
16	265.843	265.971	265.856	265.760	265.677	265.421	265.647	265.339	264.888	264.991	264.989	265.714	16
17	265.857	265.962	265.872	265.785	265.625	265.390	265.722	265.281	264.917	265.194	264.946	265.677	17
18	265.860	265.937	265.895	265.851	265.583	265.344	265.672	265.295	265.011	265.171	265.045	265.611	18
19	265.881	265.951	265.932	265.906	265.556	265.363	265.687	265.276	264.926	265.094	265.093	265.579	19
20	265.905	265.977	265.933	265.945	265.524	265.273	265.712	265.238	264.822	265.030	265.092	265.593	20
21	265.909	265.972	265.920	265.946	265.490	265.279	265.713	265.213	264.741	265.159	265.165	265.625	21
22	265.910	265.967	265.875	265.846	265.464	265.328	265.693	265.167	264.837	265.224	265.211	265.700	22
23	265.912	266.002	265.882	265.837	265.425	265.416	265.689	264.986	264.924	265.254	265.252	265.751	23
24	265.912	266.037	265.925	265.837	265.352	265.304	265.696	265.064	264.865	265.166	265.287	265.780	24
25	265.918	266.034	265.956	265.915	265.321	265.279	265.710	265.038	264.905	265.070	265.309	265.798	25
26	265.937	266.023	265.975	266.011	265.338	265.302	265.723	265.003	265.001	265.019	265.271	265.818	26
27	265.925	266.024	266.001	266.140	265.448	265.259	265.710	264.948	264.902	264.981	265.271	265.810	27
28	265.919	266.018	266.017	266.059	265.427	265.213	265.715	264.918	265.090	265.050	265.231	265.826	28
29	265.916		266.033	266.051	265.457	265.198	265.694	264.885	265.144	265.058	265.222	265.851	29
30	265.910		266.038	266.043	265.338	265.211	265.659	264.862	264.941	265.021	265.247	265.870	30
31	265.930		266.036		265.262		265.690	264.987		265.146		265.868	31
MEAN	265.880	265.963	265.955	265.905	265.662	265.324	265.496	265.298	264.937	265.024	265.142	265.596	MEAN
MAX	265.937	266.037	266.038	266.140	266.033	265.421	265.723	265.655	265.144	265.254	265.309	265.870	MAX
MIN	265.773	265.910	265.856	265.725	265.262	265.198	264.966	264.862	264.740	264.776	264.946	265.184	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 265.514
MAXIMUM DAILY, 266.140 ON APR 27
MINIMUM DAILY, 264.740 ON SEP 15
MAXIMUM INSTANTANEOUS,
266.244 AT 02:01 CST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 30 N
LONG 102 17 46 W

REGULATED

WATER LEVELS ARE REFERRED TO PROVINCE OF SASKATCHEWAN DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET-UP

CUTARM CREEK NEAR SPY HILL - STATION NO. 05JM015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.140B	0.103	0.092	0.004	0.001	0.001	0.042	0.001B	---	1
2	---	---	0.001B	0.120B	0.091	0.068	0.001	0.001	0	0.014	0.002B	---	2
3	---	---	0.001B	0.110B	0.092	0.030	0.015	0.001	0	0.005	0.003B	---	3
4	---	---	0.004B	0.100B	0.134	0.008	0.009	0.001	0	0.017	0.003B	---	4
5	---	---	0.007B	0.090B	0.174	0.013	0.004	0.106	0	0.013	---	---	5
6	---	---	0.010B	0.084B	0.100	0.023	0.003	0.115	0	0.017	---	---	6
7	---	---	0.013B	0.083B	0.087	0.016	0.039	0.015	0	0.018	---	---	7
8	---	---	0.016B	0.082B	0.288	0.059	0.035	0.003	0	0.014	---	---	8
9	---	---	0.019B	0.081B	0.314	0.026	0.021	0.002	0	0.017	---	---	9
10	---	---	0.022B	0.200B	0.240	0.003	0.005	0.001	0	0.024	---	---	10
11	---	---	0.025B	0.300B	0.297	0.001	0.003	0.002	0	0.150	---	---	11
12	---	---	0.028B	1.00 B	0.191	0.001	0.007	0.001	0	0.100	---	---	12
13	---	---	0.031B	1.60 B	0.083	0.003	0.014	0.001	0	0.021	---	---	13
14	---	---	0.034B	2.40 B	0.102	0.029	0.025	0.002	0	0.002	---	---	14
15	---	---	0.037B	2.81 B	0.161	0.039	0.012	0.003	0	0.001	---	---	15
16	---	---	0.040B	3.09 B	0.211	0.025	0.009	0.001	0	0.001	---	---	16
17	---	---	0.043B	2.67 B	0.231	0.024	0.014	0.003	0	0.001	---	---	17
18	---	---	0.046B	2.11 B	0.249	0.018	0.045	0.005	0	0.001	---	---	18
19	---	---	0.049B	2.11 B	0.226	0.022	0.032	0.003	0	0.002	---	---	19
20	---	---	0.052B	1.69 B	0.180	0.020	0.009	0.066	0	0.001	---	---	20
21	---	---	0.055B	1.47 B	0.161	0.026	0.003	0.022	0	0.014	---	---	21
22	---	---	0.058B	1.07 B	0.195	0.022	0.008	0.003	0	0.008	---	---	22
23	---	---	0.060B	0.884	0.204	0.013	0.030	0.001	0	0.001	---	---	23
24	---	---	0.062B	0.780	0.178	0.017	0.093	0.001	0	0.001	---	---	24
25	---	---	0.064B	0.646	0.183	0.011	0.051	0.003	0	0.001	---	---	25
26	---	---	0.066B	0.463	0.147	0.008	0.032	0.002	0	0.001	---	---	26
27	---	---	0.068B	0.321	0.095	0.003	0.051	0.002	0	0.001	---	---	27
28	---	---	0.070B	0.207	0.072	0.006	0.006	0.002	0	0.001	---	---	28
29	---		0.140B	0.160	0.076	0.008	0.001	0.001	0	0.001	---	---	29
30	---		0.200B	0.146	0.080	0.013	0.001	0.001	0.026	0.001	---	---	30
31	---		0.160B		0.054		0.001	0.001		0.001		---	31
TOTAL	---	---	1.482	27.017	4.599	0.643	0.583	0.372	0.027	0.492	---	---	TOTAL
MEAN	---	---	0.048	0.901	0.161	0.021	0.019	0.012	0.001	0.016	---	---	MEAN
MAX	---	---	0.200	3.09	0.314	0.092	0.093	0.115	0.026	0.150	---	---	MAX
MIN	---	---	0.001	0.081	0.054	0.001	0.001	0.001	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.185
MAXIMUM DAILY, 3.09B ON APR 16
MINIMUM DAILY, 0 ON SEP 2
MAXIMUM INSTANTANEOUS,
4.61B AT 16:21 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 27 N
LONG 101 44 34 W
DRAINAGE AREA, 766 km²

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	50.4
FEB	---	AUG	32.1
MAR	128	SEP	2.33
APR	2 330	OCT	42.5
MAY	432	NOV	---
JUN	55.6	DEC	---

TOTAL DISCHARGE, 3 070 dam³

CUTKNIFE CREEK NEAR CUTKNIFE - STATION NO. 05FF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.089	0.005	0.074	0.009	0.001	0.001	0.001A	---	1
2	---	---	0B	0 B	0.078	0.004	1.67	0.010	0.001	0.001	---	---	2
3	---	---	0B	0 B	0.076	0.004	5.81	0.009	0.001	0.001	---	---	3
4	---	---	0B	0 B	0.077	0.005	2.38	0.008	0.001	0.001	---	---	4
5	---	---	0B	0 B	0.075	0.006	1.32	0.007	0.001	0.001	---	---	5
6	---	---	0B	0 B	0.070	0.006	0.874	0.006	0.001	0.001	---	---	6
7	---	---	0B	0 B	0.064	0.006	0.630	0.006	0.001	0.001	---	---	7
8	---	---	0B	0 B	0.052	0.006	0.442	0.005	0.001	0.001	---	---	8
9	---	---	0B	0 B	0.049	0.007	0.302	0.004	0.001	0.001	---	---	9
10	---	---	0B	0 B	0.044	0.007	0.208	0.004	0.001	0.001	---	---	10
11	---	---	0B	0 B	0.039	0.011	0.136	0.003	0.001	0.001	---	---	11
12	---	---	0B	0 B	0.036	0.010	0.113	0.003	0.001	0.001	---	---	12
13	---	---	0B	0 B	0.035	0.011	0.090	0.002	0.001	0.001	---	---	13
14	---	---	0B	0 B	0.032	0.014	0.082	0.002	0.001	0.001	---	---	14
15	---	---	0B	0 B	0.029	0.014	0.070	0.002	0.001	0.001	---	---	15
16	---	---	0B	0 B	0.026	0.015	0.054	0.001	0.001	0.001	---	---	16
17	---	---	0B	0 B	0.024	0.014	0.047	0.001	0.001	0.001	---	---	17
18	---	---	0B	0.001B	0.023	0.015	0.039	0.001	0.001	0.001	---	---	18
19	---	---	0B	0.001B	0.020	0.015	0.035	0.001	0.001	0.001	---	---	19
20	---	---	0B	0.001B	0.017	0.016	0.031	0.001	0.001	0.001	---	---	20
21	---	---	0B	0.003B	0.017	0.017	0.028	0.001	0.001	0.001	---	---	21
22	---	---	0B	0.015B	0.018	0.023	0.024	0.001	0.001	0.001	---	---	22
23	---	---	0B	0.136B	0.018	0.026	0.021	0.001	0.001	0.001	---	---	23
24	---	---	0B	0.460B	0.016	0.024	0.019	0.001	0.001	0.001	---	---	24
25	---	---	0B	0.352B	0.014	0.025	0.017	0.001	0.001	0.001	---	---	25
26	---	---	0B	0.293B	0.012	0.027	0.016	0.001	0.001	0.001	---	---	26
27	---	---	0B	0.259B	0.011	0.030	0.015	0.001	0.001	0.001	---	---	27
28	---	---	0B	0.135B	0.010	0.048	0.014	0.001	0.001	0.001	---	---	28
29	---		0B	0.116	0.008	0.057	0.013	0.001	0.001	0.001	---	---	29
30	---		0B	0.111	0.007	0.066	0.012	0.001	0.001	0.001	---	---	30
31	---		0B		0.006		0.010	0.001		0.001		---	31
TOTAL	---	---	0	1.883	1.092	0.534	14.596	0.096	0.030	0.031	---	---	TOTAL
MEAN	---	---	0	0.063	0.035	0.018	0.471	0.003	0.001	0.001	---	---	MEAN
MAX	---	---	0	0.460	0.089	0.066	5.81	0.010	0.001	0.001	---	---	MAX
MIN	---	---	0	0	0.006	0.004	0.010	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.075
MAXIMUM DAILY, 5.81 ON JUL 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
11.0 AT 02:37 CST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 45 18 N
LONG 108 46 52 W
DRAINAGE AREA, 404 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 260
FEB	---	AUG	8.29
MAR	0	SEP	2.59
APR	163	OCT	2.68
MAY	94.3	NOV	---
JUN	46.1	DEC	---

TOTAL DISCHARGE, 1 580 dam³

CYPRESS LAKE - STATION NO. 11AC037

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	971.640E	971.655E	972.056	972.177	972.408	972.349	972.223	972.151	---	---	1
2	---	---	971.640E	971.655E	972.085	972.232	972.415	972.343	972.220	972.160	---	---	2
3	---	---	971.640E	971.655E	972.103	972.309	972.421	972.341	972.218	972.159	---	---	3
4	---	---	971.635E	971.655E	972.124	972.379	972.423	972.337	972.214	972.155	---	---	4
5	---	---	971.635E	971.660E	972.125	972.449	972.425	972.332	972.210	972.151	---	---	5
6	---	---	971.635E	971.660E	972.116	972.505	972.420	972.324	972.206	972.148	---	---	6
7	---	---	971.632E	971.660E	972.108	972.536	972.402	972.313	972.202	972.145	---	---	7
8	---	---	971.632E	971.665E	972.105	972.570	972.401	972.302	972.197	972.144	---	---	8
9	---	---	971.630E	971.665E	972.103	972.585	972.401	972.291	972.194	972.144	---	---	9
10	---	---	971.630E	971.665E	972.108	972.594	972.405	972.292	972.188	972.142	---	---	10
11	---	---	971.630A	971.665E	972.114	972.597	972.405	972.292	972.181	972.140	---	---	11
12	---	---	971.630E	971.670E	972.118	972.595	972.404	972.293	972.176	972.139	---	---	12
13	---	---	971.630E	971.670E	972.119	972.591	972.401	972.294	972.171	972.136	---	---	13
14	---	---	971.630E	971.670A	972.117	972.583	972.395	972.291	972.164	972.134	---	---	14
15	---	---	971.635E	971.677E	972.114	972.575	972.394	972.285	972.162	972.132	---	---	15
16	---	---	971.635E	971.690E	972.113	972.565	972.388	972.280	972.162	972.131	---	---	16
17	---	---	971.635E	971.699E	972.112	972.555	972.386	972.275	972.160	972.130	---	---	17
18	---	---	971.635E	971.711E	972.109	972.547	972.382	972.272	972.158	972.129	---	---	18
19	---	---	971.640E	971.724E	972.108	972.537	972.375	972.268	972.149	972.129	---	---	19
20	---	---	971.640E	971.736E	972.103	972.526	972.365	972.264	972.143	972.127	---	---	20
21	---	---	971.640E	971.749E	972.096	972.517	972.367	972.261	972.141	972.125	---	---	21
22	---	971.658A	971.640E	971.769E	972.096	972.511	972.375	972.258	972.140	972.123	---	---	22
23	---	971.655E	971.645E	971.789E	972.099	972.491	972.377	972.254	972.138	972.123	---	---	23
24	---	971.655E	971.645E	971.813E	972.098	972.475	972.374	972.250	972.134	972.125	---	---	24
25	---	971.650E	971.645E	971.834E	972.098	972.465	972.370	972.249	972.131	972.123	---	---	25
26	---	971.650E	971.645E	971.856E	972.101	972.455	972.369	972.245	972.123	972.125	---	---	26
27	---	971.645E	971.650E	971.880E	972.102	972.440	972.367	972.239	972.119	972.196A	---	---	27
28	---	971.645E	971.650E	971.903E	972.105	972.423	972.364	972.235	972.126	972.195	---	---	28
29	---		971.650E	971.944E	972.152	972.410	972.363	972.232	972.134	972.195	---	---	29
30	---		971.650E	972.015	972.157	972.407	972.358	972.229	972.143	972.195	---	---	30
31	---		971.650E		972.165		972.354	972.227		972.195		---	31
MEAN	---	---	971.639	971.735	972.111	972.487	972.389	972.281	972.168	972.147	---	---	MEAN
MAX	---	---	971.650	972.015	972.165	972.597	972.425	972.349	972.223	972.196	---	---	MAX
MIN	---	---	971.630	971.655	972.056	972.177	972.354	972.227	972.119	972.123	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 972.597 ON JUN 11

MAXIMUM INSTANTANEOUS,
972.634 AT 14:30 CST ON JUN 10

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 51 N
LONG 109 23 44 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1939

CYPRESS LAKE EAST OUTFLOW CANAL - STATION NO. 11AC060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.010B	0.018B	0.035	0.130	0.119	0.004	0.002	0.020	---	---	1
2	---	---	0.010B	0.020B	0.045	0.123	0.120	0.012	0.001	0.025	---	---	2
3	---	---	0.010B	0.020B	0.040	0.105	0.115	0.009	0	0.024	---	---	3
4	---	---	0.010B	0.025B	0.038	0.096	0.094	0.006	0	0.021	---	---	4
5	---	---	0.010B	0.025B	0.040	0.085	0.072	0.004	0	0.021	---	---	5
6	---	---	0.012B	0.030B	0.038	0.075	0.060	0.003	0	0.051	---	---	6
7	---	---	0.012B	0.030B	0.036	0.070	0.269	0.001	0	0.032	---	---	7
8	---	---	0.012B	0.030B	0.037	0.066	0.341	0	0	0.023	---	---	8
9	---	---	0.012B	0.035B	0.040	0.058	0.294	0	0	0.022	---	---	9
10	---	---	0.012B	0.035B	0.044	0.055	0.265	0.005	0	0.023	---	---	10
11	---	---	0.012B	0.035B	0.100	0.056	0.228	0.008	0	0.024	---	---	11
12	---	---	0.012B	0.040B	0.145	0.053	0.177	0.008	0	0.024	---	---	12
13	---	---	0.012B	0.040B	0.234	0.047	0.164	0.005	0	0.025	---	---	13
14	---	---	0.012B	0.040B	0.507	0.041	0.117	0.003	0	0.025	---	---	14
15	---	---	0.014B	0.040B	0.384	0.037	0.095	0.002	0	0.026	---	---	15
16	---	---	0.014B	0.040B	0.373	0.042	0.093	0.002	0.002	0.027	---	---	16
17	---	---	0.014B	0.052B	0.443	0.039	0.199	0.001	0.005	0.028	---	---	17
18	---	---	0.016B	0.064B	0.538	0.037	0.119	0.001	0.008	0.029	---	---	18
19	---	---	0.016B	0.076B	0.601	0.079	0.094	0.001	0.011	0.031	---	---	19
20	---	0.008B	0.016B	0.088B	0.666	0.200	0.072	0.001	0.012	0.033	---	---	20
21	---	0.008B	0.018B	0.100B	0.509	0.155	0.056	0.001	0.013	0.033	---	---	21
22	---	0.008B	0.018B	0.200B	0.364	0.123	0.060	0.001	0.015	0.033	---	---	22
23	---	0.008B	0.018B	0.320B	0.030	0.109	0.042	0.002	0.015	0.034	---	---	23
24	---	0.008B	0.018B	0.100B	0.021	0.155	0.030	0.003	0.014	0.033	---	---	24
25	---	0.008B	0.018B	0.038	0.024	0.118	0.023	0.003	0.013	0.034	---	---	25
26	---	0.008B	0.018B	0.031	0.026	0.095	0.016	0.004	0.013	0.035	---	---	26
27	---	0.008B	0.018B	0.021	0.033	0.081	0.017	0.004	0.018	0.034A	---	---	27
28	---	0.008B	0.018B	0.019	0.039	0.069	0.015	0.004	0.017	0.034E	---	---	28
29	---		0.018B	0.022	0.058	0.078	0.012	0.004	0.016	0.034E	---	---	29
30	---		0.018E	0.039	0.060	0.141	0.010	0.003	0.017	0.034E	---	---	30
31	---		0.018B		0.063		0.006	0.003		0.034E		---	31
TOTAL	---	---	0.446	1.673	5.611	2.618	3.394	0.108	0.192	0.906	---	---	TOTAL
MEAN	---	---	0.014	0.056	0.181	0.087	0.109	0.003	0.006	0.029	---	---	MEAN
MAX	---	---	0.018	0.320	0.666	0.200	0.341	0.012	0.018	0.051	---	---	MAX
MIN	---	---	0.010	0.018	0.021	0.037	0.006	0	0	0.020	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.061
MAXIMUM DAILY, 0.666 ON MAY 20
MINIMUM DAILY, 0 ON AUG 8

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 10 N
LONG 109 21 10 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1960

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	293
FEB	---	AUG	9.33
MAR	38.5	SEP	16.6
APR	145	OCT	78.3
MAY	485	NOV	---
JUN	226	DEC	---

TOTAL DISCHARGE, 1 290 dam³

CYPRESS LAKE WEST INFLOW CANAL - STATION NO. 11AB078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	1.05	3.33	0	0	0	0	---	---	1
2	---	---	0B	0 B	1.06	4.11	0.001	0	0	0	---	---	2
3	---	---	0B	0 B	1.05	5.86	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.995	6.26	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.937	7.76	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.533	8.32	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.077	5.56	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.036	3.31	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.026	2.49	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.203	1.25	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.314	0.193	0	0	0	0	---	---	11
12	---	---	0B	0.035B	0.098	0.073	0	0	0	0	---	---	12
13	---	---	0B	0.082B	0.024	0.006	0	0	0	0	---	---	13
14	---	---	0B	0.049B	0.016	0.001	0	0	0	0	---	---	14
15	---	---	0B	0.053B	0.011	0.002	0	0	0	0	---	---	15
16	---	---	0B	0.357B	0.010	0.003	0	0	0	0	---	---	16
17	---	---	0B	1.38 B	0.009	0.002	0	0	0	0	---	---	17
18	---	---	0B	1.46 B	0.008	0.002	0	0	0	0	---	---	18
19	---	---	0B	1.32 B	0.069	0.002	0.090	0	0	0	---	---	19
20	---	---	0B	1.56 B	0.020	0.002	0.704	0	0	0	---	---	20
21	---	---	0B	1.55 B	0.008	0.002	0.693	0	0	0	---	---	21
22	---	---	0B	1.89 B	0.007	0.001	0.555	0	0	0	---	---	22
23	---	---	0B	2.33 B	0.008	0.001	0.411	0	0	0	---	---	23
24	---	---	0B	2.85 B	0.007	0.001	0.479	0	0	0	---	---	24
25	---	---	0B	6.25 B	0.006	0.001	0.487	0	0	0	---	---	25
26	---	---	0B	6.59 B	0.005	0.001	0.493	0	0	0	---	---	26
27	---	---	0B	2.99	0.006	0.001	0.496	0	0	0	---	---	27
28	---	---	0B	2.75	0.008B	0.001	0.319	0	0	0	---	---	28
29	---		0B	2.53	0.076B	0.001	0	0	0	0	---	---	29
30	---		0B	2.31	1.00 B	0.001	0	0	0	0	---	---	30
31	---		0B		2.55 B		0	0		0		---	31
TOTAL	---	---	0	38.136	10.227	48.547	4.728	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.27	0.330	1.62	0.153	0	0	0	---	---	MEAN
MAX	---	---	0	6.59	2.55	8.32	0.704	0	0	0	---	---	MAX
MIN	---	---	0	0	0.005	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.415
MAXIMUM DAILY, 8.32 ON JUN 6
MINIMUM DAILY, 0B ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 18 N
LONG 109 37 08 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	488
FEB	---	AUG	0
MAR	0	SEP	0
APR	3 290	OCT	0
MAY	884	NOV	---
JUN	4 190	DEC	---

TOTAL DISCHARGE, 8 770 dam³

CYPRESS LAKE WEST INFLOW CANAL DRAIN - STATION NO. 11AB085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0 E	0.003	0 E	0.002	0	0	---	---	1
2	---	---	0B	0 B	0 E	0.003	0 E	0.002	0	0	---	---	2
3	---	---	0B	0 B	0 E	0.003	0 E	0.002	0	0	---	---	3
4	---	---	0B	0 B	0 A	0.003	0 E	0.001	0	0	---	---	4
5	---	---	0B	0 B	0 E	0.003	0 A	0.001	0	0	---	---	5
6	---	---	0B	0 B	0 E	0.003	0	0.001	0	0	---	---	6
7	---	---	0B	0 B	0 E	0.003	0	0.001	0	0	---	---	7
8	---	---	0B	0 B	0 E	0.003	0	0.001	0	0	---	---	8
9	---	---	0B	0 B	0 E	0.003	0	0.001	0	0	---	---	9
10	---	---	0B	0 B	0 E	0.003	0	0.001	0	0	---	---	10
11	---	---	0B	0 B	0 E	0 E	0	0.001	0	0	---	---	11
12	---	---	0B	0.015B	0 E	0 E	0	0	0	0	---	---	12
13	---	---	0B	0.043B	0 E	0 E	0	0	0	0	---	---	13
14	---	---	0B	0.045B	0 E	0 E	0	0	0	0	---	---	14
15	---	---	0B	0.035B	0 E	0 E	0	0	0	0	---	---	15
16	---	---	0B	0.025B	0 E	0 E	0	0	0	0	---	---	16
17	---	---	0B	0.018B	0 E	0 E	0	0	0	0	---	---	17
18	---	---	0B	0.015B	0 E	0 E	0	0	0	0	---	---	18
19	---	---	0B	0.030B	0 A	0 E	0.001	0	0	0	---	---	19
20	---	---	0B	0.030B	0.001	0 E	0.009	0	0	0	---	---	20
21	---	---	0B	0.030B	0.001	0 E	0.008	0	0	0	---	---	21
22	---	---	0B	0.014B	0.001	0 E	0.006	0	0	0	---	---	22
23	---	---	0B	0.010B	0.001	0 E	0.005	0	0	0	---	---	23
24	---	---	0B	0.008E	0.001	0 E	0.005	0	0	0	---	---	24
25	---	---	0B	0.006E	0.001	0 E	0.004	0	0	0	---	---	25
26	---	---	0B	0.005A	0.002	0 E	0.004	0	0	0	---	---	26
27	---	---	0B	0.001A	0.002	0 E	0.003	0	0	0	---	---	27
28	---	---	0B	0.001E	0.002	0 E	0.003	0	0	0	---	---	28
29	---		0B	0.001E	0.003B	0 E	0.003	0	0	0	---	---	29
30	---		0B	0.001E	0.003B	0 E	0.002	0	0	0		---	30
31	---		0B		0.004		0.002	0		0		---	31
TOTAL	---	---	0	0.333	0.022	0.030	0.055	0.014	0	0	---	---	TOTAL
MEAN	---	---	0	0.011	0.001	0.001	0.002	0	0	0	---	---	MEAN
MAX	---	---	0	0.045	0.004	0.003	0.009	0.002	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.045B ON APR 14
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 25 N
LONG 109 36 38 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4.75
FEB	---	AUG	1.21
MAR	0	SEP	0
APR	28.8	OCT	0
MAY	1.90	NOV	---
JUN	2.59	DEC	---

TOTAL DISCHARGE, 39.3 dam³

CYPRESS LAKE WEST OUTFLOW CANAL - STATION NO. 11AB077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.007	0.053	1.08	0.005	0	0	---	---	1
2	---	---	0B	0 B	0.005	0.705	0.487	0.004	0	0	---	---	2
3	---	---	0B	0 B	0.004	1.01	0.156	0.001	0	0	---	---	3
4	---	---	0B	0 B	0.002	0.911	0.148	0.001	0	0	---	---	4
5	---	---	0B	0 B	0.002	0.289	0.140	0.001	0	0	---	---	5
6	---	---	0B	0 B	0.003	0.010	0.134	0	0	0	---	---	6
7	---	---	0B	0 B	0.002	0.073	0.134	0	0	0	---	---	7
8	---	---	0B	0 B	0.002	0.078	0.132	0	0	0	---	---	8
9	---	---	0B	0 B	0.095	0.033	0.109	0	0	0	---	---	9
10	---	---	0B	0 B	0.022	0.007	0.015	0	0	0	---	---	10
11	---	---	0B	0 B	0.006	0.944	0.005	0	0	0	---	---	11
12	---	---	0B	0 B	0.006	1.63	0.003	0	0	0	---	---	12
13	---	---	0B	0 B	0.007	2.26	0.002	0	0	0	---	---	13
14	---	---	0B	0 B	0.006	2.64	0.001	0	0	0	---	---	14
15	---	---	0B	0 B	0.009	2.58	0.001	0	0	0	---	---	15
16	---	---	0B	0 B	0.025	2.55	0.001	0	0	0	---	---	16
17	---	---	0B	0 B	0.031	2.53	0.001	0	0	0	---	---	17
18	---	---	0B	0 B	0.032	2.54	0.024	0	0	0	---	---	18
19	---	---	0B	0 B	0.022	2.52	0.033	0	0	0	---	---	19
20	---	---	0B	0 B	0.009	2.51	0.032	0	0	0	---	---	20
21	---	---	0B	0 B	0.010	2.43	0.035	0	0	0	---	---	21
22	---	---	0B	0 B	0.008	1.91	0.033	0	0	0	---	---	22
23	---	---	0B	0.005B	0.006	1.67	0.027	0	0	0	---	---	23
24	---	---	0B	0.025	0.003	1.71	0.043	0	0	0	---	---	24
25	---	---	0B	0.006	0.002	1.68	0.041	0	0	0	---	---	25
26	---	---	0B	0.006	0.003	1.63	0.039	0	0	0	---	---	26
27	---	---	0B	0.006	0.007	1.67	0.038	0	0	0	---	---	27
28	---	---	0B	0.005	0.008	1.83	0.034	0	0	0	---	---	28
29	---		0B	0.018	0.011	1.87	0.016	0	0	0	---	---	29
30	---		0B	0.028	0.019	1.59	0.005	0	0	0	---	---	30
31	---		0B		0.018		0.002	0		0		---	31
TOTAL	---	---	0	0.099	0.392	43.863	2.951	0.012	0	0	---	---	TOTAL
MEAN	---	---	0	0.003	0.013	1.46	0.095	0	0	0	---	---	MEAN
MAX	---	---	0	0.028	0.095	2.64	1.08	0.005	0	0	---	---	MAX
MIN	---	---	0	0	0.002	0.007	0.001	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.193
MAXIMUM DAILY, 2.64 ON JUN 14
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 14 N
LONG 109 35 18 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	255
FEB	---	AUG	1.04
MAR	0	SEP	0
APR	8.55	OCT	0
MAY	33.9	NOV	---
JUN	3 790	DEC	---

TOTAL DISCHARGE, 4 090 dam³

DEAD LAKE PROJECT - SOURIS RIVER CHANNEL - STATION NO. 05NB029

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	538.686E	538.630E	538.605E	538.602E	540.628	540.126	539.902E	539.934E	539.755E	539.659A	539.744A	539.742E	1
2	---	---	---	538.605E	540.604	540.107	539.897E	539.928E	539.750E	539.666A	---	---	2
3	---	---	---	538.610E	540.579	540.082	539.892E	539.922E	539.745E	539.685A	---	---	3
4	---	---	---	538.620E	540.557	540.061	539.887E	539.916E	539.740E	539.702E	---	---	4
5	---	---	---	538.640E	540.532A	540.055	539.882A	539.910E	539.735E	539.719A	---	---	5
6	---	---	---	538.670E	540.490E	540.048	539.877E	539.904E	539.730E	539.726A	---	---	6
7	---	---	---	538.700E	540.450E	540.042	539.872E	539.898E	539.725E	539.734A	---	---	7
8	---	---	---	538.758A	540.420E	540.035	539.867E	539.892E	539.720E	539.740A	---	---	8
9	---	---	---	538.860E	540.390E	540.030	539.862E	539.886E	539.715E	539.753A	---	---	9
10	---	---	---	538.980E	540.365E	540.025	539.858E	539.880E	539.710E	539.748A	---	---	10
11	---	---	538.601A	539.120E	540.340E	540.020	539.854E	539.874E	539.705E	539.739A	---	---	11
12	---	---	---	539.280E	540.315E	540.017	539.850E	539.868E	539.700E	539.735A	---	---	12
13	---	---	---	539.500E	540.290E	540.012	539.846E	539.862E	539.695E	539.735A	---	---	13
14	---	---	---	539.750E	540.265E	540.007	539.843E	539.856E	539.690E	539.734A	---	---	14
15	---	---	---	540.072A	540.240E	540.002	539.840E	539.850E	539.685E	539.732A	---	---	15
16	---	---	---	540.517A	540.215E	539.995	539.860E	539.844E	539.680E	539.732A	---	---	16
17	---	---	---	540.746	540.190E	539.987	539.900E	539.838E	539.675E	539.733A	---	---	17
18	---	---	---	541.013	540.170E	539.981	539.980E	539.832E	539.670E	539.732A	---	---	18
19	---	---	---	541.228	540.150E	539.975	540.023A	539.826E	539.665E	539.731A	---	---	19
20	---	---	---	541.327	540.136A	539.988E	540.028A	539.820E	539.661E	539.730A	---	---	20
21	---	---	---	541.279	540.118	539.962E	540.015A	539.814E	539.657A	539.728A	---	---	21
22	---	---	---	541.125	540.104	539.956E	540.008A	539.808E	539.653E	539.729A	---	---	22
23	---	---	---	540.956	540.090	539.950E	540.016A	539.802E	539.649E	539.732A	---	---	23
24	---	---	---	540.816	540.078	539.944E	540.008A	539.796E	539.645E	539.737A	---	---	24
25	---	---	---	540.740A	540.069	539.938E	539.997A	539.790E	539.642E	539.738A	---	---	25
26	---	---	---	540.722E	540.068	539.932E	539.984E	539.785E	539.640E	539.738A	---	---	26
27	---	---	---	540.705A	540.066	539.926E	539.968A	539.780E	539.645E	539.742A	---	---	27
28	---	538.605E	---	540.687E	540.065	539.920E	539.961E	539.775E	539.655E	539.749A	---	---	28
29	---		---	540.669E	540.072	539.914E	539.954E	539.770E	539.660E	539.742A	---	---	29
30	---		---	540.650A	540.092	539.908E	539.947E	539.765E	539.659A	539.738A	539.742A	539.800A	30
31	538.630E		538.600E		540.122		539.940E	539.760A		539.737A		539.802E	31
MEAN	---	---	---	539.931	540.267	539.998	539.923	539.845	539.689	539.728	---	---	MEAN
MAX	---	---	---	541.327	540.628	540.126	540.028	539.934	539.755	539.753	---	---	MAX
MIN	---	---	---	538.602	540.065	539.908	539.840	539.760	539.640	539.659	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 541.327 ON APR 20

MAXIMUM INSTANTANEOUS,
541.352 AT 15:51 CST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 103 26 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DEAD LAKE RESERVOIR NEAR NIDALE - STATION NO. 05NB022

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	539.128E	539.130E	539.132E	539.150E	541.187E	541.096A	540.822A	540.544A	540.209	539.987A	539.860A	539.750E	1
2	---	---	---	539.160E	541.181E	541.089A	540.812A	540.536A	540.201	539.985A	---	---	2
3	---	---	---	539.180E	541.175E	541.081A	540.801A	540.526A	540.193	539.985A	---	---	3
4	---	---	---	539.200E	541.170E	541.072A	540.789A	540.515A	540.186	539.985A	---	---	4
5	---	---	---	539.220E	541.165A	541.065A	540.778A	540.507A	540.174	539.984A	---	---	5
6	---	---	---	539.240E	541.163E	541.056A	540.761A	540.499A	540.164	539.980A	---	---	6
7	---	---	---	539.270E	541.162E	541.045A	540.746A	540.489A	540.159	539.977A	---	---	7
8	---	---	---	539.306A	541.160E	541.034A	540.739A	540.470A	540.155	539.974A	---	---	8
9	---	---	---	539.340E	541.158E	541.023A	540.731A	540.454A	540.147	539.970A	---	---	9
10	---	---	---	539.380E	541.157E	541.012A	540.719A	540.439A	540.138	539.965A	---	---	10
11	---	---	539.133A	539.420E	541.155E	541.001A	540.729A	540.426A	540.128	539.958A	---	---	11
12	---	---	---	539.470E	541.153E	540.992A	540.740A	540.425A	540.116	539.953A	---	---	12
13	---	---	---	539.538E	541.152E	540.984A	540.737A	540.415E	540.105	539.947A	---	---	13
14	---	---	---	539.600E	541.150E	540.975A	540.724A	540.404E	540.096	539.943A	---	---	14
15	---	---	---	539.730E	541.148E	540.966A	540.725A	540.394E	540.085	539.939A	---	---	15
16	---	---	---	539.995A	541.147E	540.956A	540.721A	540.384E	540.076	539.934A	---	---	16
17	---	---	---	540.440A	541.145E	540.947A	540.710A	540.373E	540.067	539.932A	---	---	17
18	---	---	---	540.800E	541.143E	540.939A	540.692A	540.363E	540.059	539.928A	---	---	18
19	---	---	---	541.115A	541.142E	540.930A	540.683A	540.352E	540.048	539.924A	---	---	19
20	---	---	---	541.230E	541.140A	540.922A	540.672A	540.342E	540.040	539.918A	---	---	20
21	---	---	---	541.225A	541.138E	540.915A	540.656A	540.332E	540.033A	539.912A	---	---	21
22	---	---	---	541.220E	541.129E	540.908A	540.641A	540.321E	540.024A	539.909A	---	---	22
23	---	---	---	541.216E	541.124E	540.899A	540.640A	540.311E	540.015A	539.905A	---	---	23
24	---	---	---	541.212E	541.120A	540.891A	540.628A	540.300E	540.006A	539.902A	---	---	24
25	---	---	---	541.208E	541.119A	540.883A	540.614A	540.290E	539.998A	539.898A	---	---	25
26	---	---	---	541.204E	541.118A	540.873A	540.603A	540.280E	539.990A	539.894A	---	---	26
27	---	---	---	541.200A	541.116A	540.864A	540.596A	540.270E	539.986A	539.892A	---	---	27
28	---	539.132E	---	541.197E	541.114A	540.854A	540.588A	540.259E	540.006A	539.885A	---	---	28
29	---		---	541.195E	541.111A	540.843A	540.576A	540.249E	540.002A	539.878A	---	---	29
30	---		---	541.192A	541.106A	540.831A	540.565A	540.238E	539.990A	539.872A	539.750A	539.800A	30
31	539.130E		539.140E		541.101A		540.554A	540.228A		539.866A		539.802E	31
MEAN	---	---	---	540.195	541.143	540.965	540.693	540.385	540.087	539.935	---	---	MEAN
MAX	---	---	---	541.230	541.187	541.096	540.822	540.544	540.209	539.987	---	---	MAX
MIN	---	---	---	539.150	541.101	540.831	540.554	540.228	539.986	539.866	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 541.230E ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 103 26 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DELARONDE LAKE NEAR BIG RIVER - STATION NO. 06AE004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	493.003	492.839	492.895	492.867	492.754	492.822	---	1
2	---	---	---	---	---	492.976	492.894	492.855	492.869	492.799	492.847	---	2
3	---	---	---	---	---	493.003	492.941	492.885	492.854	492.805	---	---	3
4	---	---	---	---	---	492.973	492.891	492.892	492.847	492.838	---	---	4
5	---	---	---	---	---	493.006	492.939	492.903	492.851E	492.806	---	---	5
6	---	---	---	---	---	493.048	492.974	492.898	492.854	492.763	---	---	6
7	---	---	---	---	---	492.998	492.937	492.960	492.815	492.743	---	---	7
8	---	---	---	---	---	492.968	492.933	492.884	492.845	492.830	---	---	8
9	---	---	---	---	---	492.988	492.938	492.825	492.851	492.826E	---	---	9
10	---	---	---	---	---	492.954	492.935E	492.816	492.854	492.822	---	---	10
11	---	---	---	---	---	492.957E	492.933E	492.916	492.855	492.793	---	---	11
12	---	---	---	---	---	492.961	492.930	492.853	492.880	492.825	---	---	12
13	---	---	---	---	492.982	492.983	492.918	492.872	492.855	492.812	---	---	13
14	---	---	---	---	492.984	492.983E	492.915	492.882	492.818	492.823	---	---	14
15	---	---	---	---	492.980	492.984	492.918	492.864	492.815	492.823	---	---	15
16	---	---	---	---	492.981	492.984	492.922	492.859	492.834E	492.798	---	---	16
17	---	---	---	---	492.990	492.969	492.935	492.889	492.853E	492.843	---	---	17
18	---	---	---	---	492.992	492.963	492.895	492.878	492.872	492.833	---	---	18
19	---	---	---	---	492.991	492.989	492.894E	492.867	492.827	492.832	---	---	19
20	---	---	---	---	492.990E	492.984	492.894E	492.869	492.814	492.807	---	---	20
21	---	---	---	---	492.988	492.929	492.894	492.883	492.802	492.760	---	---	21
22	---	---	---	---	492.990E	492.958	492.848	492.872	492.834	492.817	---	---	22
23	---	---	---	---	492.993E	492.994	492.883	492.863	492.824	492.811E	---	---	23
24	---	---	---	---	492.995	492.965	492.888	492.867	492.818E	492.804	---	---	24
25	---	---	---	---	493.012E	492.961	492.884	492.899	492.811E	492.802	---	---	25
26	---	---	---	---	493.029	492.969	492.890	492.826	492.805E	492.808	---	---	26
27	---	---	---	---	493.019E	492.961	492.886E	492.829	492.799	492.817	---	---	27
28	---	---	---	---	493.009E	492.947	492.882E	492.858	492.819	492.827	---	---	28
29	---		---	---	492.998	492.944	492.878E	492.841	492.849	492.867	---	---	29
30	---		---	---	493.003	492.919	492.874E	492.869	492.809	492.843E	---	---	30
31	---		---		492.973		492.870	492.868E		492.819		---	31
MEAN	---	---	---	---	---	492.974	492.905	492.872	492.837	492.811	---	---	MEAN
MAX	---	---	---	---	---	493.048	492.974	492.960	492.880	492.867	---	---	MAX
MIN	---	---	---	---	---	492.919	492.839	492.816	492.799	492.743	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 493.048 ON JUN 6

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 53 33 N
LONG 106 57 16 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DELLWOOD RESERVOIR AT PUMP STATION - STATION NO. 05JJ008

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	528.692E	528.603	528.520	528.453	528.593E	529.278	529.862E	529.778E	529.674	529.596	529.502	529.476	1
2	528.690E	528.601E	528.514E	528.449E	528.589E	529.308	529.855E	529.776E	529.667E	529.598E	529.497E	529.477E	2
3	528.688E	528.600	528.509	528.445E	528.585	529.343	529.848E	529.774	529.659	529.600E	529.492	529.478	3
4	528.686	528.596E	528.508E	528.440	528.584E	529.362	529.841E	529.802	529.659E	529.601	529.493E	529.476E	4
5	528.683E	528.592	528.508	528.440E	528.583	529.397E	529.834	529.782E	529.660E	529.596E	529.495	529.475E	5
6	528.680	528.589E	528.506E	528.440E	528.577E	529.431	529.831E	529.762	529.660E	529.590	529.493E	529.473	6
7	528.675E	528.586E	528.503E	528.439	528.571	529.448	529.828	529.751E	529.660	529.578E	529.491E	529.471E	7
8	528.670	528.584	528.501	528.439	528.566E	529.476	529.838E	529.740E	529.651	529.565	529.489E	529.468	8
9	528.667E	528.583E	528.498E	528.438E	528.562E	529.502	529.848	529.729	529.651E	529.573E	529.487	529.466E	9
10	528.664E	528.582	528.494	528.457E	528.557	529.522	529.844E	529.723E	529.651	529.581	529.485	529.463	10
11	528.661	528.575E	528.493E	528.466E	528.552E	529.543	529.839E	529.718	529.646E	529.581E	529.478E	529.463E	11
12	528.660E	528.569	528.492	528.475	528.547	529.568	529.834	529.721E	529.641E	529.581	529.472	529.462E	12
13	528.659	528.566E	528.490E	528.506	528.580E	529.589	529.817E	529.724	529.635	529.563	529.478E	529.462	13
14	528.657E	528.562E	528.487E	528.535	528.612	529.617	529.799	529.721E	529.633E	529.558E	529.484E	529.461E	14
15	528.656	528.559	528.484	528.557E	528.627	529.666	529.846E	529.717E	529.631	529.553	529.490E	529.459	15
16	528.654E	528.557E	528.484E	528.579	528.687	529.706	529.892	529.714	529.627E	529.548E	529.496	529.458E	16
17	528.652E	528.555	528.484	528.589E	528.720	529.716	529.887E	529.707E	529.623	529.543E	529.495	529.457	17
18	528.650	528.554E	528.480E	528.598E	528.745	529.734	529.883E	529.701	529.615E	529.539	529.507E	529.455E	18
19	528.648E	528.552	528.476	528.608	528.788	529.766	529.879	529.699E	529.607E	529.545E	529.518	529.453E	19
20	528.638	528.549E	528.473E	528.609E	528.825E	529.770	529.850	529.698	529.599	529.552	529.508E	529.451	20
21	528.636E	528.545E	528.471E	528.610	528.861	529.791	529.838	529.698E	529.608	529.535E	529.497E	529.452E	21
22	528.634	528.541	528.469	528.609E	528.894E	529.812	529.837E	529.697E	529.596	529.519	529.487	529.452	22
23	528.632E	528.538E	528.466E	528.608	528.928	529.830	529.836	529.697	529.591E	529.516E	529.486E	529.451E	23
24	528.631E	528.534	528.464	528.607E	528.951E	529.850	529.828E	529.693E	529.585	529.513E	529.484	529.450	24
25	528.629	528.531E	528.460E	528.605E	528.975	529.865	529.821E	529.690	529.585E	529.511	529.482E	529.449E	25
26	528.628	528.529	528.456	528.603	529.016	529.872E	529.814	529.683	529.584E	529.518E	529.480	529.449E	26
27	528.626	528.524E	528.454E	528.602E	529.038	529.879E	529.811E	529.678E	529.583	529.525	529.479E	529.448E	27
28	528.621E	528.520	528.453E	528.601	529.118	529.886	529.808	529.674E	529.595E	529.535E	529.479E	529.448E	28
29	528.615		528.451	528.599E	529.188	529.877E	529.795E	529.669E	529.607	529.546	529.478	529.447	29
30	528.611E		528.451E	528.596	529.233	529.868	529.783	529.664	529.602E	529.531E	529.477E	529.449E	30
31	528.607E		528.450		529.250		529.780E	529.669E		529.516E		529.450	31
MEAN	528.651	528.563	528.482	528.534	528.771	529.642	529.836	529.718	529.626	529.555	529.489	529.460	MEAN
MAX	528.692	528.603	528.520	528.610	529.250	529.886	529.892	529.802	529.674	529.601	529.518	529.478	MAX
MIN	528.607	528.520	528.450	528.439	528.547	529.278	529.780	529.664	529.583	529.511	529.472	529.447	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 529.198
MAXIMUM DAILY, 529.892 ON JUL 16
MINIMUM DAILY, 528.439 ON APR 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 47 31 N
LONG 105 19 28 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DENNIEL CREEK NEAR VAL MARIE - STATION NO. 11AC025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	8.22 B	0.072	2.92	0.002	0	0	0	---	---	1
2	---	---	0 B	5.10 B	0.059	2.43	0.014	0	0	0.001	---	---	2
3	---	---	0 B	4.49 B	0.047	2.19	0.023	0	0	0.002	---	---	3
4	---	---	0 B	2.46 B	0.035	1.14	0.016	0	0	0.002	---	---	4
5	---	---	0 B	1.24 B	0.028	0.805	0.009	0	0	0.002	---	---	5
6	---	---	0 B	0.614B	0.025	0.732	0.007	0	0	0.002	---	---	6
7	---	---	0 B	0.576B	0.024	0.620	0.007	0	0	0.001	---	---	7
8	---	---	0 B	0.707B	0.022	0.385	0.008	0	0	0.001	---	---	8
9	---	---	0 B	1.01 B	0.023	0.273	0.023	0	0	0.001	---	---	9
10	---	---	0 B	1.25 B	0.025	0.183	0.021	0	0	0.001	---	---	10
11	---	---	0.020B	9.62 B	0.025	0.135	0.015	0	0	0.001	---	---	11
12	---	---	0.500B	16.1 B	0.028	0.104	0.011	0	0	0.001	---	---	12
13	---	---	1.00 B	17.3	0.033	0.077	0.008	0	0	0.002	---	---	13
14	---	---	2.00 B	15.4	0.032	0.063	0.005	0	0	0.003	---	---	14
15	---	---	3.00 B	6.74	0.028	0.049	0.003	0	0	0.002	---	---	15
16	---	---	5.00 B	4.56	0.027	0.044	0.008	0	0	0.003	---	---	16
17	---	---	2.41 B	5.11	0.026	0.041	0.015	0	0	0.003	---	---	17
18	---	---	1.74 B	3.26	0.024	0.058	0.013	0	0	0.005	---	---	18
19	---	---	1.21 B	2.01	0.024	0.045	0.008	0	0	0.007	---	---	19
20	---	0B	1.06 B	1.21	0.025	0.067	0.005	0	0	0.007	---	---	20
21	---	0B	0.980B	0.989	0.023	0.063	0.003	0	0	0.007	---	---	21
22	---	0B	0.835B	0.762	0.021	0.043	0.001	0	0	0.007	---	---	22
23	---	0B	0.960B	0.685	0.017	0.031	0	0	0	0.007	---	---	23
24	---	0B	0.816B	0.581	0.015	0.024	0	0	0	0.007	---	---	24
25	---	0B	0.733B	0.405	0.014	0.015	0	0	0	0.007	---	---	25
26	---	0B	0.796B	0.287	0.014	0.009	0	0	0	0.007	---	---	26
27	---	0B	0.837B	0.193	0.018	0.006	0	0	0	0.007	---	---	27
28	---	0B	2.02 B	0.142	0.041	0.003	0	0	0	0.006A	---	---	28
29	---		5.67 B	0.103	0.076	0.004	0	0	0	0.006E	---	---	29
30	---		11.2 B	0.085	1.44	0.003	0	0	0	0.006E	---	---	30
31	---		11.9 B		2.72		0	0		0.006E		---	31
TOTAL	---	---	54.687	111.209	5.031	12.562	0.225	0	0	0.120	---	---	TOTAL
MEAN	---	---	1.76	3.71	0.162	0.419	0.007	0	0	0.004	---	---	MEAN
MAX	---	---	11.9	17.3	2.72	2.92	0.023	0	0	0.007	---	---	MAX
MIN	---	---	0	0.085	0.014	0.003	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.750
MAXIMUM DAILY, 17.3 ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
23.2 AT 05:08 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 26 N
LONG 107 42 12 W
DRAINAGE AREA, 494 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	19.4
FEB	---	AUG	0
MAR	4 720	SEP	0
APR	9 610	OCT	10.4
MAY	435	NOV	---
JUN	1 090	DEC	---

TOTAL DISCHARGE, 15 900 dam³

DESCHAMBAULT LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KF003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	324.757	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	324.900	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	324.824	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 40 00 N
LONG 103 24 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DESCHARME RIVER BELOW DUPRE LAKE - STATION NO. 07CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.69	7.30B	7.04B	6.75	22.9	15.2 E	8.70	11.0	8.97	8.07	7.95	6.98	1
2	7.69	7.29B	7.04B	6.74	25.3	14.7 E	8.86	11.2	8.98	8.01	7.70	6.87	2
3	7.70	7.28B	7.04B	6.69	25.3	14.3 E	9.04	11.1	9.07	7.98	6.95	6.91	3
4	7.76	7.27B	7.03B	6.66	25.8	13.9 E	9.17	11.0	8.92	7.91	6.59	6.88	4
5	7.74	7.26B	7.03B	6.73	26.5	13.5 E	9.39	10.9	8.76	7.78	6.68	6.90	5
6	7.72B	7.25B	7.02B	6.86	26.7	13.1 E	9.42	11.1	8.62	7.63	7.05	6.87	6
7	7.69B	7.24B	7.02B	6.80	26.7	12.7 E	9.35	11.5	8.65	7.62	7.42	6.87	7
8	7.66B	7.23B	7.01B	6.82	27.0	12.4 E	9.33	11.5	8.64	7.71	7.53	6.78	8
9	7.63B	7.22B	7.01B	6.80	27.2	12.1 E	9.37	11.5	8.66	7.73	7.53	6.81	9
10	7.60B	7.21B	7.00B	6.87	27.6	11.8 E	9.33	11.4	9.05	7.74	7.59	6.61	10
11	7.58B	7.20B	7.00B	6.93	27.8E	11.5 E	9.44	11.4	9.17	7.81	6.79	6.63	11
12	7.56B	7.19B	7.00B	7.01	28.0E	11.2 E	9.58	11.4	9.07	7.87	6.39	6.70	12
13	7.54B	7.18B	7.00B	7.38	27.7E	10.9 E	9.53	11.2	9.05	7.86	6.38	6.74	13
14	7.52B	7.17B	7.00B	7.52	27.2E	10.6 E	9.54	11.1	8.98	7.88	6.67	6.79	14
15	7.50B	7.16B	7.00B	7.27	26.7E	10.4 E	9.43	11.0	9.08	7.85	6.99	6.84	15
16	7.49B	7.15B	7.00B	7.37	26.0E	10.2 E	9.51	10.8	9.15	7.86	7.09	6.86	16
17	7.48B	7.14B	7.00B	7.50	25.0E	10.0 E	9.15	10.9	9.13	7.97	7.12	6.94	17
18	7.46B	7.13B	7.00B	7.61	24.3E	9.86E	8.98	10.9	9.16	8.04	7.13	6.87	18
19	7.44B	7.12B	7.00B	7.83	23.6E	9.72E	9.31	10.8	9.06	7.95	7.04	6.75	19
20	7.42B	7.11B	7.00B	8.08	23.0E	9.60E	9.32	10.6	8.98	7.99	6.99	6.72	20
21	7.41B	7.10B	7.00B	8.54	22.5E	9.45E	9.26	10.5	8.96	7.99	6.86	6.68	21
22	7.40B	7.09B	7.05B	9.40	21.8E	9.30E	9.51	10.5	8.96	7.95	6.84	6.59	22
23	7.39B	7.09B	7.21	10.2	21.0E	9.15E	10.2	10.2	8.84	8.02	6.72	6.62	23
24	7.38B	7.08B	7.28	11.1	20.0E	9.00E	10.3	9.78	8.70	8.00	6.69	6.66	24
25	7.37B	7.07B	7.24	11.6	19.3E	8.92A	10.5	9.53	8.73	8.05	6.61	6.69	25
26	7.36B	7.06B	7.20	12.3	18.7E	8.83	10.8	9.33	8.62	8.10	6.57	6.66	26
27	7.35B	7.05B	7.25	13.4	18.1E	8.76	11.1	9.14	8.48	8.11	6.66	6.65	27
28	7.34B	7.05B	7.16	15.3	17.5E	8.71	11.2	9.25	8.35	8.06	6.70	6.63	28
29	7.33B		7.09	17.8	16.9E	8.67	11.2	9.22	8.29	8.05	6.85	6.63	29
30	7.32B		7.07	19.8	16.3E	8.53	11.3	9.00	8.14	7.95	6.97	6.70	30
31	7.31B		6.87		15.7E		11.1	8.93		7.98		6.77	31
TOTAL	232.83	200.69	218.66	271.66	728.1	327.00	302.22	327.68	265.22	245.52	209.05	209.52	TOTAL
MEAN	7.51	7.17	7.05	9.06	23.5	10.9	9.75	10.6	8.84	7.92	6.97	6.76	MEAN
MAX	7.76	7.30	7.28	19.8	28.0	15.2	11.3	11.5	9.17	8.11	7.95	6.94	MAX
MIN	7.31	7.05	6.87	6.66	15.7	8.53	8.70	8.93	8.14	7.62	6.38	6.59	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.69
MAXIMUM DAILY, 28.0E ON MAY 12
MINIMUM DAILY, 6.38 ON NOV 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 07 23 N
LONG 109 13 38 W
DRAINAGE AREA, 1 690 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 100	JUL	26 100
FEB	17 300	AUG	28 300
MAR	18 900	SEP	22 900
APR	23 500	OCT	21 200
MAY	62 900	NOV	18 100
JUN	28 300	DEC	18 100

TOTAL DISCHARGE, 306 000 dam³

REMARKS - STAGE-DISCHARGE RELATIONSHIP IS NOT DEFINED BY DISCHARGE MEASUREMENTS BELOW 11.0 m³/s

DILLON RIVER AT OUTLET OF DILLON LAKE - STATION NO. 06BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80B	0.988B	0.700B	0.929	19.0	25.6	10.5	5.86	6.55	4.96	3.69	2.18	1
2	1.76B	0.934B	0.693B	1.01	26.3	24.5	10.3	5.63	6.33	5.00	2.67	2.17	2
3	1.71B	0.930B	0.702B	1.08	34.6	24.4	10.2	6.30	6.45	4.78	1.51	2.09	3
4	1.68B	0.884B	0.713B	1.14	42.8	23.5	10.1	6.48	6.23	4.60	2.69	2.04	4
5	1.63B	0.876B	0.735B	1.18	51.0A	23.6	10.1	6.52	5.89	4.43	2.84	2.07	5
6	1.58B	0.966B	0.718B	1.26	56.1A	22.9	9.94	6.64	6.01	3.98	2.85	1.96	6
7	1.61B	0.905B	0.712B	1.37	59.9A	21.9	9.35	7.14	6.34	4.16	2.87	1.89	7
8	1.60B	0.873B	0.669B	1.58	62.9A	21.6	9.13	6.42	5.95	4.58	2.88	1.88	8
9	1.61B	0.811B	0.712B	1.74	64.8A	20.8	8.95	6.33	5.85	4.86	2.92	1.97	9
10	1.60B	0.826B	0.719B	1.75	64.8	20.2	8.70	6.26	6.64	4.36	3.02	1.92	10
11	1.59B	0.774B	0.718B	1.88	63.9	19.3	8.51	6.79	7.01	4.61	2.98	1.87	11
12	1.59B	0.757B	0.753B	2.06	62.1	19.0	8.01	7.13	6.77	4.33	2.76	1.92	12
13	1.57B	0.741B	0.701B	2.19	60.1	18.4	7.92	6.86	6.19	4.31	2.70	1.92	13
14	1.56B	0.775B	0.718B	2.34	58.0	18.0	7.61	6.98	5.80	4.40	2.64	1.91	14
15	1.55B	0.717B	0.717	2.77	55.9	18.4	7.51	6.87	6.13	3.95	2.55	1.91	15
16	1.53B	0.688B	0.715	2.80	53.5	17.7	7.58	6.71	6.02	3.51	2.52	1.85	16
17	1.51B	0.722B	0.705	2.97	51.2	17.4	7.23	6.85	6.10	4.17	2.38	1.94	17
18	1.49B	0.699B	0.697	3.26	48.7	17.3	6.88	7.13	6.31	4.26	2.39	1.95	18
19	1.47B	0.707B	0.689	3.52	46.5	16.5	7.23	6.87	5.92	4.01	2.41	1.83	19
20	1.44B	0.666B	0.728	3.59 A	44.7	15.7	7.30	6.80	5.84	3.87	2.38	1.84	20
21	1.51B	0.763B	0.744	3.18 A	42.4	15.2	6.37	6.75	5.88	3.75	2.36	1.84	21
22	1.37B	0.676B	0.771	3.25	39.6	15.4	6.17	6.87	5.98	3.51	2.33	1.74	22
23	1.33B	0.670B	0.855	3.60	38.6	15.2	7.25	7.06	5.74	3.91	2.29	1.76	23
24	1.33B	0.651B	0.851	4.16	36.2	14.2	6.76	6.84	5.74	3.71	2.31	1.77	24
25	1.31B	0.656B	0.806	4.87	33.9	13.8	6.21	7.05	6.15	3.65	2.26	1.79	25
26	1.32B	0.642B	0.692	5.88	33.0	13.6	6.30	7.06	5.79	3.68	2.20	1.85	26
27	1.25B	0.666B	0.775	7.21	31.0	12.8	6.19	5.86	5.30	4.01	2.19	1.72	27
28	1.12B	0.714B	0.825	8.94	29.6	12.3	6.42	6.40	5.14	3.51	2.19	1.77	28
29	1.09B		0.791	11.7 A	28.2	11.8	6.16	6.59	5.49	4.27	2.22	1.76	29
30	1.08B		0.936	14.3 A	27.3	10.5	6.54	6.14	5.14	3.67	2.18	1.85	30
31	1.08B		0.902		26.8		6.30	6.14		3.50		1.98	31
TOTAL	45.51	21.677	23.162	107.509	1 393.4	541.5	243.62	205.33	180.68	127.90	76.18	58.94	TOTAL
MEAN	1.47	0.774	0.747	3.58	44.9	18.1	7.86	6.62	6.02	4.13	2.54	1.90	MEAN
MAX	1.80	0.988	0.936	14.3	64.8	25.6	10.5	7.14	7.01	5.00	3.69	2.18	MAX
MIN	1.00	0.642	0.669	0.929	19.0	10.5	6.16	5.63	5.14	3.50	1.51	1.72	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.29
MAXIMUM DAILY, 64.8A ON MAY 9
MINIMUM DAILY, 0.642B ON FEB 26
MAXIMUM INSTANTANEOUS,
65.1 AT 09:55 CST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 42 30 N
LONG 109 24 40 W
DRAINAGE AREA, 2 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 930	JUL	21 000
FEB	1 870	AUG	17 700
MAR	2 000	SEP	15 600
APR	9 290	OCT	11 100
MAY	120 000	NOV	6 580
JUN	46 800	DEC	5 090

TOTAL DISCHARGE, 261 000 dam³

DOGHIDE RIVER NEAR RUNCIMAN - STATION NO. 05KB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	OB	0	B	0.937	0.768	0.017	0	0	0	0	---	1
2	---	---	OB	0	B	0.716	0.703	0.018	0.001	0	0	---	---	2
3	---	---	OB	0	B	0.536	0.521	0.020	0.003	0	0	---	---	3
4	---	---	OB	0	B	0.352	0.343	0.019	0.001	0	0	---	---	4
5	---	---	OB	0	B	0.293	0.249	0.015	0	0	0	---	---	5
6	---	---	OB	0	B	0.233	0.184	0.019	0	0	0	---	---	6
7	---	---	OB	0	B	0.197	0.143	0.019	0	0	0	---	---	7
8	---	---	OB	0	B	0.176	0.111	0.014	0	0	0	---	---	8
9	---	---	OB	0	B	0.160	0.098	0.011	0	0	0	---	---	9
10	---	---	OB	0	B	0.153	0.077	0.007	0	0	0	---	---	10
11	---	---	OB	0	B	0.128	0.069	0.003	0	0	0	---	---	11
12	---	---	OB	0	B	0.118	0.059	0.001	0	0	0	---	---	12
13	---	---	OB	0	B	0.127	0.057	0.001	0	0	0	---	---	13
14	---	---	OB	0.200	B	0.153	0.055	0.003	0	0	0	---	---	14
15	---	---	OB	3.42	B	0.129	0.052	0.011	0	0	0	---	---	15
16	---	---	OB	11.4	B	0.117	0.050	0.008	0	0	0	---	---	16
17	---	---	OB	24.5	B	0.106	0.048	0.005	0	0	0	---	---	17
18	---	---	OB	22.3		0.094	0.046	0.001	0	0	0	---	---	18
19	---	---	OB	17.1		0.087	0.044	0.001	0	0	0	---	---	19
20	---	---	OB	12.4		0.073	0.040	0.001	0	0	0	---	---	20
21	---	---	OB	10.0		0.066	0.037	0	0	0	0	---	---	21
22	---	---	OB	8.36		0.060	0.036	0	0	0	0	---	---	22
23	---	---	OB	7.36		0.059	0.036	0	0	0	0	---	---	23
24	---	---	OB	6.15		0.058	0.034	0	0	0	0	---	---	24
25	---	---	OB	4.57		0.057	0.033	0	0	0	0	---	---	25
26	---	---	OB	3.27		0.058	0.032	0	0	0	0	---	---	26
27	---	---	OB	2.36		0.057	0.028	0	0	0	0	---	---	27
28	---	---	OB	1.75		0.059	0.021	0	0	0	0	---	---	28
29	---		OB	1.37		0.145	0.017	0	0	0	0	---	---	29
30	---		OB	1.13		1.15	0.017	0	0	0	0	---	---	30
31	---		OB			1.03		0	0		0		---	31
TOTAL	---	---	0	137.640		7.684	4.004	0.194	0.005	0	0	---	---	TOTAL
MEAN	---	---	0	4.59		0.248	0.133	0.006	0	0	0	---	---	MEAN
MAX	---	---	0	24.5		1.15	0.768	0.020	0.003	0	0	---	---	MAX
MIN	---	---	0	0		0.057	0.017	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.610
MAXIMUM DAILY, 24.5B ON APR 17
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 15 N
LONG 104 04 55 W
DRAINAGE AREA, 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	16.8
FEB	---	AUG	0.43
MAR	0	SEP	0
APR	11 900	OCT	0
MAY	664	NOV	---
JUN	346	DEC	---

TOTAL DISCHARGE, 12 900 dam³

DORE LAKE AT DORE LAKE - STATION NO. 06AG003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	28.410	28.416E	28.410E	---	---	---	---	1
2	---	---	---	---	---	28.400	28.416E	28.409E	---	---	---	---	2
3	---	---	---	---	---	28.420	28.416E	28.409	---	---	---	---	3
4	---	---	---	---	---	28.420E	28.416E	28.409E	---	---	---	---	4
5	---	---	---	---	---	28.420E	28.416E	28.409E	---	---	---	---	5
6	---	---	---	---	---	28.421E	28.416E	28.409E	---	28.295	---	---	6
7	---	---	---	---	---	28.421	28.416	28.409E	---	---	---	---	7
8	---	---	---	---	---	28.421	28.416	28.409E	---	---	---	---	8
9	---	---	---	---	---	28.421	28.412E	28.409E	---	---	---	---	9
10	---	---	---	---	---	28.411	28.409E	28.409E	---	---	---	---	10
11	---	---	---	---	---	28.411	28.406E	28.409E	---	---	---	---	11
12	---	---	---	---	---	28.408E	28.402	28.409E	---	---	---	---	12
13	---	---	---	---	---	28.406E	28.412	28.409E	---	---	---	---	13
14	---	---	---	---	---	28.403E	28.412E	28.410E	---	---	---	---	14
15	---	---	---	---	---	28.401	28.412E	28.410E	---	---	---	---	15
16	---	---	---	---	---	28.401	28.412E	28.410E	---	---	---	---	16
17	---	---	---	---	---	28.411	28.412E	28.410	---	---	---	---	17
18	---	---	---	---	---	28.409E	28.412E	28.411E	---	---	---	---	18
19	---	---	---	---	---	28.406E	28.412E	28.413E	---	---	---	---	19
20	---	---	---	---	---	28.404E	28.412E	28.415E	---	---	---	---	20
21	---	---	---	---	---	28.401	28.411E	28.417E	---	---	---	---	21
22	---	---	---	---	---	28.401	28.411E	28.419E	---	---	---	---	22
23	---	---	---	---	---	28.401	28.411E	28.420E	---	---	---	---	23
24	---	---	---	---	---	28.401	28.411E	28.422E	---	---	---	---	24
25	---	---	---	---	---	28.421	28.411E	28.424	---	---	---	---	25
26	---	---	---	---	28.420	28.421	28.411E	28.419E	---	---	---	---	26
27	---	---	---	---	28.420	28.421	28.411E	28.414E	---	---	---	---	27
28	---	---	---	---	28.420	28.415	28.411E	28.409E	---	---	---	---	28
29	---		---	---	28.418E	28.416	28.411	28.404E	---	---	---	---	29
30	---		---	---	28.415E	28.416E	28.410E	28.399E	---	---	---	---	30
31	---		---		28.413E		28.410E	28.394		---		---	31
MEAN	---	---	---	---	---	28.411	28.412	28.411	---	---	---	---	MEAN
MAX	---	---	---	---	---	28.421	28.416	28.424	---	---	---	---	MAX
MIN	---	---	---	---	---	28.400	28.402	28.394	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 37 43 N
LONG 107 23 41 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DORE RIVER NEAR THE MOUTH - STATION NO. 06AG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.650B	0.574B	0.569B	0.679B	7.63	7.57E	3.60E	1.70E	1.62	1.43	3.98 E	1.01 B	1
2	0.645B	0.578B	0.579B	0.726B	7.45	7.52E	3.50E	1.70E	1.61	1.39	4.06 E	1.07 B	2
3	0.640B	0.578B	0.566B	0.759B	7.23	7.48E	3.40E	1.71E	1.55	1.45	4.07 B	1.19 B	3
4	0.636B	0.574B	0.564B	0.810B	7.47	7.44E	3.30E	1.72E	1.45	2.13	3.82 B	1.26 B	4
5	0.632B	0.565B	0.558B	0.869B	8.38	7.40E	3.23E	1.74E	1.39	2.81	3.61 B	1.18 B	5
6	0.628B	0.553B	0.563B	0.912B	8.56	7.33E	3.05E	1.77E	1.38	2.67	2.64 B	1.12 B	6
7	0.624B	0.561B	0.566B	0.981B	8.49	7.25E	2.95E	1.88E	1.38	2.47A	2.51 B	1.03 B	7
8	0.620B	0.567B	0.562B	1.15 B	8.40	7.17E	2.88E	2.05E	1.37	2.35E	2.49 B	0.980B	8
9	0.618B	0.579B	0.567B	1.57 B	8.38A	7.10E	2.80E	2.20E	1.32	2.32E	2.47 B	0.902B	9
10	0.616B	0.622B	0.584B	1.45 B	8.34E	7.00E	2.70E	2.30E	1.28	2.35E	2.10 B	0.888B	10
11	0.614B	0.619B	0.596B	1.60 B	8.31E	6.80E	2.60E	2.45E	1.28	2.40E	1.93 B	0.878B	11
12	0.612B	0.615B	0.608B	1.34 B	8.27E	6.60E	2.50E	2.55E	1.29	2.45E	2.43 B	0.868B	12
13	0.610B	0.603B	0.608B	1.20 B	8.23E	6.40E	2.43E	2.55E	1.24	2.50E	1.64 B	0.865B	13
14	0.608B	0.560B	0.601B	1.06 B	8.20E	6.20E	2.36E	2.60E	1.14	2.55E	1.70 B	0.860B	14
15	0.606B	0.551B	0.603B	1.02 B	8.16E	6.00E	2.30E	2.55E	1.16	2.60E	1.11 B	0.855B	15
16	0.604B	0.550B	0.588B	1.16 B	8.13E	5.75E	2.24E	2.45E	1.21	2.66E	1.07 B	0.855B	16
17	0.602B	0.545B	0.531B	1.36 B	8.09E	5.65E	2.18E	2.30E	1.21	2.72E	1.19 B	0.855B	17
18	0.600B	0.529B	0.581B	1.74 B	8.06E	5.50E	2.12E	2.14E	1.20	2.78E	0.951B	0.857B	18
19	0.598B	0.544B	0.545B	2.07 B	8.03E	5.35E	2.06E	2.03A	1.19	2.85E	1.40 B	0.858B	19
20	0.596B	0.567B	0.597B	2.58 B	8.00E	5.20E	2.00E	1.84	1.13	2.94E	1.43 B	0.860B	20
21	0.594B	0.582B	0.647B	2.92 B	7.96E	5.00E	1.96E	1.68	1.13	3.04E	1.03 B	0.862B	21
22	0.592B	0.580B	0.647B	3.11 B	7.93E	4.85E	1.92E	1.60	1.12	3.12E	0.773B	0.865B	22
23	0.590B	0.565B	0.627B	2.76 B	7.90E	4.70E	1.88E	1.59	1.11	3.20E	0.758B	0.868B	23
24	0.570B	0.550B	0.609B	3.02 B	7.86E	4.55E	1.84E	1.61	1.11	3.29E	0.748B	0.871B	24
25	0.567B	0.559B	0.614B	2.99 B	7.82E	4.40E	1.80E	1.63	1.12	3.38E	0.780B	0.874B	25
26	0.570B	0.555B	0.615B	3.51 B	7.78E	4.25E	1.78E	1.62	1.15	3.48E	0.868B	0.877B	26
27	0.590B	0.555B	0.610B	4.63 B	7.74E	4.12E	1.76E	1.65	1.10	3.56E	0.948B	0.880B	27
28	0.595B	0.567B	0.606B	7.47 B	7.70E	4.00E	1.74E	1.62	1.09	3.64E	0.985B	0.885B	28
29	0.593B		0.592B	8.07 B	7.66E	3.88E	1.73E	1.60	1.22	3.72E	0.988B	0.890B	29
30	0.596B		0.675B	7.91	7.63E	3.75E	1.71E	1.62	1.36	3.81E	0.978B	0.895B	30
31	0.586B		0.651B		7.60E		1.70E	1.63		3.90E		0.900B	31
TOTAL	18.802	15.947	18.389	71.426	247.39	176.21	74.02	60.03	37.91	85.96	55.457	28.908	TOTAL
MEAN	0.607	0.570	0.593	2.38	7.98	5.87	2.39	1.94	1.26	2.77	1.85	0.933	MEAN
MAX	0.650	0.622	0.675	8.07	8.56	7.57	3.60	2.60	1.62	3.90	4.07	1.26	MAX
MIN	0.567	0.529	0.531	0.679	7.23	3.75	1.70	1.59	1.09	1.39	0.748	0.855	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.44
MAXIMUM DAILY, 8.56 ON MAY 6
MINIMUM DAILY, 0.529B ON FEB 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 10 N
LONG 107 44 20 W
DRAINAGE AREA, 2 960 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 620	JUL 6 400	
FEB	1 380	AUG 5 190	
MAR	1 590	SEP 3 280	
APR	6 170	OCT 7 430	
MAY	21 400	NOV 4 790	
JUN	15 200	DEC 2 500	

TOTAL DISCHARGE, 77 000 dam³

REMARKS - SIGNIFICANT PORTION OF 1982 DATA WERE ESTIMATED

DOUGLAS RIVER NEAR CLUFF LAKE - STATION NO. 07NA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.52B	3.99B	3.80B	4.55B	16.0E	15.0 E	6.47	8.80	7.73	9.59	8.04	6.59B	1
2	4.50B	3.98B	3.80B	4.57B	19.5E	14.5 E	6.41	8.83	7.82	9.58	7.64B	6.47B	2
3	4.47B	3.97B	3.80B	4.59B	24.0E	14.0 E	6.45	8.74	8.01	9.47	6.93B	6.47B	3
4	4.45B	3.96B	3.80B	4.62B	27.5E	13.5 E	6.58	8.75	8.12	9.20	6.38B	6.43B	4
5	4.42B	3.95B	3.80B	4.65B	29.0E	13.0 E	6.64	9.05	8.08	9.06	6.61B	6.43B	5
6	4.40B	3.94B	3.80B	4.72B	30.0E	12.5 E	6.63	9.30	8.09	8.89	7.01B	6.47B	6
7	4.38B	3.93B	3.80B	4.80B	30.8E	12.0 E	6.63	9.78	8.11	8.89	7.02B	6.45B	7
8	4.36B	3.92B	3.83B	4.90B	30.4E	11.7 E	6.57	9.95	8.13	9.00	7.01B	6.52B	8
9	4.33B	3.91B	3.85B	5.00B	30.0E	11.4 E	6.45	9.94	8.00	8.92	6.92B	6.72B	9
10	4.31B	3.90B	3.88B	5.15B	29.5E	11.0 E	6.52	9.82	8.10	8.80	7.17B	6.63B	10
11	4.28B	3.89B	3.90B	5.25B	29.0E	10.6 E	6.67	9.74	8.58	8.77	7.19B	6.72B	11
12	4.26B	3.88B	3.95B	5.35B	28.4E	10.3 E	6.51	9.47	9.22	8.73	6.69B	6.89B	12
13	4.24B	3.88B	4.00B	5.45B	27.7E	10.0 E	6.48	9.20	9.61	8.67	6.12B	7.00B	13
14	4.22B	3.87B	4.05B	5.55B	27.0E	9.75E	6.57	9.00	10.1	8.58	6.13B	6.90B	14
15	4.20B	3.86B	4.10B	5.65B	26.3E	9.50E	6.58	8.81	10.7	8.49	6.23B	6.80B	15
16	4.19B	3.86B	4.15B	5.75B	25.6E	9.25E	6.45	8.45	11.0	8.18	6.41B	6.71B	16
17	4.18B	3.85B	4.20B	5.85B	24.9E	9.00E	6.34	8.27	11.4	8.50	6.34B	6.60B	17
18	4.17B	3.84B	4.25B	5.90B	23.3E	8.75E	6.46	8.17	11.5	8.52	6.41B	6.58B	18
19	4.16B	3.83B	4.30B	5.95B	22.8E	8.50E	6.90	8.17	11.5	8.38	6.45B	6.53B	19
20	4.15B	3.82B	4.35B	6.00B	22.3E	8.25E	6.73	8.13	11.4	8.44	6.63B	6.44B	20
21	4.13B	3.82B	4.40B	6.15B	21.6E	8.00E	6.76	7.98	11.3	8.42	6.66B	6.41B	21
22	4.12B	3.81B	4.42B	6.30B	20.8E	7.90E	6.80	7.81	11.1	8.13	6.72B	6.32B	22
23	4.10B	3.81B	4.45B	6.50B	20.1E	7.70E	7.12	7.55	10.8	8.32	6.79B	6.39B	23
24	4.09B	3.80B	4.48B	6.80B	19.4E	7.52A	7.40	7.29	10.7	8.38	6.87B	6.43B	24
25	4.08B	3.80B	4.50B	7.20E	18.8E	7.38	7.70	7.04	10.5	8.44	6.97B	6.39B	25
26	4.07B	3.80B	4.51B	7.70E	18.2E	7.23	8.23	7.04	10.5	8.48	6.99B	6.43B	26
27	4.06B	3.80B	4.51B	8.40E	17.6E	7.11	8.55	7.02	10.0	8.50	7.07B	6.37B	27
28	4.05B	3.80B	4.52B	9.20E	17.0E	6.81	8.84	7.05	9.75	8.30	7.05B	6.33B	28
29	4.03B		4.52B	10.8 E	16.3E	6.67	8.96	7.44	9.79	8.42	6.92B	6.31B	29
30	4.01B		4.53B	12.5 E	15.8E	6.65	9.00	7.48	9.69	8.36	6.74B	6.41B	30
31	4.00B		4.53B		15.3E		8.90	7.54		8.08		6.63B	31
TOTAL	130.93	108.47	128.78	185.80	724.9	295.47	219.30	261.61	289.33	268.47	208.11	202.77	TOTAL
MEAN	4.22	3.87	4.15	6.19	23.4	9.85	7.07	8.44	9.64	8.66	6.80	6.54	MEAN
MAX	4.52	3.99	4.53	12.5	30.8	15.0	9.00	9.95	11.5	9.59	8.04	7.00	MAX
MIN	4.00	3.80	3.80	4.55	15.3	6.65	6.34	7.02	7.73	8.06	6.12	6.31	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.27
MAXIMUM DAILY, 30.8E ON MAY 7
MINIMUM DAILY, 3.80B ON FEB 24

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 19 20 N
LONG 109 47 10 W
DRAINAGE AREA, 1 690 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 300	JUL 18 900	
FEB	9 370	AUG 22 600	
MAR	11 100	SEP 25 000	
APR	16 100	OCT 23 200	
MAY	62 600	NOV 17 600	
JUN	25 500	DEC 17 500	

TOTAL DISCHARGE, 261 900 dam³

DOWNIE LAKE INFLOW CANAL - STATION NO. 05HA070

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.009B	0.398B	0.264	6.67	0.003	0	0	0	---	---	1
2	---	0 B	0.004B	0.314B	0.196	7.49	0.003	0	0	0	---	---	2
3	---	0 B	0.003B	0.029B	0.217	7.92	0.002	0	0	0	---	---	3
4	---	0 B	0.002B	0.025B	0.186	7.49	0.001	0	0	0	---	---	4
5	---	0 B	0.003B	0.018B	0.152	6.32	0	0	0	0	---	---	5
6	---	0 B	0.003B	0.010B	0.074	5.07	0	0	0	0	---	---	6
7	---	0 B	0.002B	0.011B	0.017	3.02	0	0	0	0	---	---	7
8	---	0 B	0.002B	0.007B	0.009	1.79	0	0	0	0	---	---	8
9	---	0 B	0.018B	0.002B	0.003	1.22	0	0	0	0	---	---	9
10	---	0 B	0.074B	0.007B	0.001	0.979	0	0	0	0	---	---	10
11	---	0 B	0.147B	0.723B	0	0.868	0	0	0	0	---	---	11
12	---	0 B	0.179B	2.52 B	0	0.742	0	0	0	0	---	---	12
13	---	0 B	0.063B	6.56	0	0.613	0	0	0	0	---	---	13
14	---	0 B	0.037B	6.07	0	0.337	0	0	0	0	---	---	14
15	---	0 B	0.022B	3.49	0	0.113	0	0	0	0	---	---	15
16	---	0 B	0.029B	2.08	0	0.082	0	0	0	0	---	---	16
17	---	0 B	0.004B	1.58	0	0.058	0	0	0	0	---	---	17
18	---	0.007B	0.014B	1.51	0	0.052	0	0	0	0	---	---	18
19	---	0.047B	0.010B	0.950	0	0.050	0	0	0	0	---	---	19
20	---	0.164B	0.012B	0.548	0	0.046	0	0	0	0	---	---	20
21	---	0.187B	0.011B	0.441	0	0.041	0	0	0	0	---	---	21
22	---	0.169B	0.012B	1.00	0	0.035	0	0	0	0	---	---	22
23	---	0.132B	0.013B	1.99	0	0.032	0	0	0	0	---	---	23
24	---	0.091B	0.014B	1.96	0	0.023	0	0	0	0	---	---	24
25	---	0.055B	0.012B	0.962	0	0.016	0	0	0	0	---	---	25
26	---	0.033B	0.004B	0.553	0	0.012	0	0	0	0	---	---	26
27	---	0.021B	0.004B	0.376	0	0.008	0	0	0	0	---	---	27
28	---	0.014B	0 B	0.423	0.538	0.007	0	0	0	0	---	---	28
29	---		0.451B	0.496	1.98	0.006	0	0	0	0	---	---	29
30	---		0.786B	0.438	1.37	0.005	0	0	0	0	---	---	30
31	---		0.378B		2.69		0		0			---	31
TOTAL	---	0.920	2.322	35.491	7.657	51.115	0.009	0	0	0	---	---	TOTAL
MEAN	---	0.033	0.075	1.18	0.247	1.70	0	0	0	0	---	---	MEAN
MAX	---	0.187	0.786	6.56	2.69	7.92	0.003	0	0	0	---	---	MAX
MIN	---	0	0	0.002	0	0.005	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.394
MAXIMUM DAILY, 7.92 ON JUN 3
MINIMUM DAILY, 0B ON MAR 28
MAXIMUM INSTANTANEOUS,
8.24 AT 04:42 CST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 08 N
LONG 109 39 10 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.78
FEB	79.5	AUG	0
MAR	201	SEP	0
APR	3 070	OCT	0
MAY	662	NOV	---
JUN	4 420	DEC	---

TOTAL DISCHARGE, 8 350 dam³

DOWNIE LAKE RESERVOIR NEAR MAPLE CREEK - STATION NO. 05HA064

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	873.687E	874.701	877.120	876.141	878.715	877.817	877.167	876.951	---	---	1
2	---	---	873.686A	874.754	877.130	876.661	878.714	877.716	877.163	876.956	---	---	2
3	---	---	873.685E	874.796	877.131	877.246	878.711	877.613	877.159	876.953	---	---	3
4	---	---	873.687E	874.823	877.131	877.782	878.700	877.513	877.152	876.946	---	---	4
5	---	---	873.687E	874.839	877.139	878.175	878.689	877.421	877.146	876.944	---	---	5
6	---	---	873.685E	874.848	877.142	878.451	878.687	877.368	877.142	876.934	---	---	6
7	---	---	873.685E	874.861	877.131	878.626	878.687	877.321	877.136	876.936	---	---	7
8	---	---	873.687E	874.867	877.120	878.716	878.684	877.310	877.133	876.937	---	---	8
9	---	---	873.690E	874.878	877.108	878.765	878.680	877.295	877.125	876.930	---	---	9
10	---	---	873.711E	874.887	877.092	878.793	878.676	877.285	877.114	876.927	---	---	10
11	---	873.122A	873.771E	874.960	877.016	878.813	878.672	877.283	877.101	876.926	---	---	11
12	---	873.145E	873.835E	875.141	876.934	878.830	878.661	877.280	877.096	876.924	---	---	12
13	---	873.168E	873.898E	875.568	876.845	878.843	878.655	877.272	877.085	876.923	---	---	13
14	---	873.190E	873.963E	876.058	876.746	878.847	878.646	877.266	877.081	876.924	---	---	14
15	---	873.209E	874.028E	876.360	876.647	878.836	878.633	877.256	877.071	876.914	---	---	15
16	---	873.231E	874.080A	876.503	876.543	878.825	878.626	877.255	877.071	876.914	---	---	16
17	---	873.254E	874.098	876.584	876.439	878.814	878.631	877.252	877.065	876.910	---	---	17
18	---	873.283E	874.112	876.655	876.336	878.808	878.623	877.253	877.064	876.918	---	---	18
19	---	873.344E	874.125	876.706	876.247	878.801	878.617	877.244	877.059	876.916	---	---	19
20	---	873.413E	874.136	876.724	876.149	878.794	878.606	877.240	877.053	876.910	---	---	20
21	---	873.480E	874.141	876.740	876.058	878.786	878.605	877.235	877.051	876.909	---	---	21
22	---	873.551E	874.146	876.762	875.955	878.778	878.595	877.225	877.055	876.908	---	---	22
23	---	873.616E	874.150	876.839	875.860	878.763	878.583	877.216	877.047	876.906	---	---	23
24	---	873.674A	874.154	876.951	875.759	878.756	878.574	877.213	877.037	876.902	---	---	24
25	---	873.681E	874.157	877.024	875.658	878.749	878.502	877.207	877.008	876.908A	---	---	25
26	---	873.683E	874.166	877.058	875.569	878.743	878.404	877.203	876.971	876.908E	---	---	26
27	---	873.686E	874.163	877.077	875.506	878.737	878.313	877.195	876.951	876.908E	---	---	27
28	---	873.683E	874.174	877.081	875.484	878.729	878.213	877.192	876.953	876.908E	---	---	28
29	---		874.217	877.091	875.602	878.721	878.112	877.185	876.964	876.908E	---	---	29
30	---		874.431	877.108	875.603	878.717	878.013	877.177	876.966	876.908E	---	---	30
31	---		874.602		875.708		877.913	877.174		876.908E		---	31
MEAN	---	---	873.982	875.975	876.449	878.502	878.553	877.306	877.073	876.922	---	---	MEAN
MAX	---	---	874.602	877.108	877.142	878.847	878.715	877.817	877.167	876.956	---	---	MAX
MIN	---	---	873.685	874.701	875.484	876.141	877.913	877.174	876.951	876.902	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 878.847 ON JUN 14

MAXIMUM INSTANTANEOUS,
878.862 AT 12:49 CST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 01 N
LONG 109 40 49 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

DRAGLINE CHANNEL NEAR SQUAW RAPIDS - STATION NO. 05KH011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.405B	0.311B	0.311B	0.332B	0.256B	6.70	4.28	8.13	1.08 E	0.134	0.313	0.343B	1
2	0.373B	0.292B	0.321B	0.234B	0.255B	8.11	1.04	10.5	0.980A	0.095	0.294	0.170B	2
3	0.339B	0.297B	0.363B	0.172B	0.246B	7.96	2.69	10.5	1.01	0.045	0.272	0.166B	3
4	0.396B	0.295B	0.378B	0.137B	0.220B	7.93	3.43	12.8	0.989	0.035	0.265	0.126B	4
5	0.404B	0.306B	0.400B	0.125B	0.208B	7.38	2.87	14.9	0.554	0.085	0.242	0.865B	5
6	0.377B	0.330B	0.399B	0.118B	0.198B	4.05	5.47	14.4	0.219	0.083	0.188	0.984B	6
7	0.384B	0.302B	0.363B	0.116B	6.41 B	5.91	5.91	11.0	0.274	0.069	0.146	1.88 B	7
8	0.367B	0.257B	0.365B	0.114B	8.49	5.81	6.45	5.00	0.436	0.076	0.190	2.05 B	8
9	0.342B	0.256B	0.379B	0.111B	5.30	5.93	6.46	1.79	0.507	0.081	0.216	2.15 B	9
10	0.286B	0.305B	0.380B	0.131B	2.52	5.88	6.47	11.5	0.595	0.116	0.211	1.84 B	10
11	0.303B	0.375B	0.376B	0.270B	7.58	5.87	6.42	14.1	0.567	0.148	0.211	1.75 B	11
12	0.346B	0.387B	0.380B	0.485B	7.10	5.82	6.46	16.2	0.354	0.156	0.230	1.51 B	12
13	0.321B	0.415B	0.375B	0.471B	8.96	5.41	6.52	12.7	0.231	0.162	0.312	1.57 B	13
14	0.336B	0.452B	0.373B	0.473B	8.85	5.40	6.96	11.1	0.355	0.205	0.321	2.04 B	14
15	0.306B	0.456B	0.335B	0.462B	8.83	5.88	6.52	3.46	0.107	0.229	0.306	2.38 B	15
16	0.300B	0.444B	0.316B	0.514B	8.09	6.04	6.46	1.17	0.087	0.280	0.278	2.37 B	16
17	0.315B	0.442B	0.316B	0.523B	6.64	4.07	6.60	8.77	0.120	0.250	0.256B	1.84 B	17
18	0.319B	0.413B	0.321B	0.500B	6.91	0.619	6.44	7.91	0.091	0.253	0.263B	1.88 B	18
19	0.321B	0.428B	0.364B	0.566B	7.94	0.556	5.56	6.06	0.131	0.202	0.238B	1.72 B	19
20	0.304B	0.447B	0.389B	0.471B	7.21	0.581	5.24	4.98	0.101	0.080	0.255B	2.04 B	20
21	0.274B	0.428B	0.403B	0.531B	6.66	0.579	4.98	7.45	0.117	0.073	0.246B	2.38 B	21
22	0.288B	0.392B	0.398B	0.584B	7.16	0.570	4.78	1.30	0.167	0.149	0.258B	2.20 B	22
23	0.293B	0.396B	0.431B	0.558B	1.28	0.483	11.4	1.47	0.156	0.086	0.291B	2.19 B	23
24	0.310B	0.404B	0.367B	0.498B	3.48	0.466	21.0	5.87	0.146	0.112	0.289B	2.05 B	24
25	0.344B	0.374B	0.397B	0.480B	6.17	0.496	18.8	4.00	0.276	0.407	0.302B	2.12 B	25
26	0.387B	0.361B	0.326B	0.395B	7.40	0.482	17.8	1.88A	0.141	0.505	0.301B	1.65 B	26
27	0.391B	0.343B	0.381B	0.412B	7.45	0.471	17.2	1.75E	0.117	0.444	0.324B	1.88 B	27
28	0.355B	0.345B	0.524B	0.330B	7.56	2.23	14.7	1.60E	0.160	0.483	0.290B	2.04 B	28
29	0.325B		0.445B	0.283B	5.37	5.54	14.2	1.46E	0.159	0.446	0.279B	2.02 B	29
30	0.304B		0.599B	0.263B	2.61	4.72	14.6	1.33A	0.110	0.447	0.316B	1.97 B	30
31	0.338B		0.470B		4.04		15.8	1.20E		0.390		2.06 B	31
TOTAL	10.453	10.233	11.945	10.619	161.393	121.943	263.51	216.28	10.337	6.286	7.903	52.234	TOTAL
MEAN	0.337	0.365	0.385	0.354	5.21	4.06	8.50	6.98	0.345	0.203	0.263	1.68	MEAN
MAX	0.405	0.456	0.599	0.584	8.96	8.11	21.0	16.2	1.08	0.505	0.324	2.38	MAX
MIN	0.274	0.256	0.311	0.111	0.198	0.466	1.04	1.17	0.087	0.035	0.146	0.126	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.42
MAXIMUM DAILY, 21.0 ON JUL 24
MINIMUM DAILY, 0.035 ON OCT 4
MAXIMUM INSTANTANEOUS,
22.0 AT 01:08 CST ON JUL 25

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 102 56 25 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	903	JUL	22 800
FEB	884	AUG	18 700
MAR	1 030	SEP	893
APR	917	OCT	543
MAY	13 900	NOV	683
JUN	10 500	DEC	4 510

TOTAL DISCHARGE, 76 300 dam³

DUCK CREEK NEAR KELVINGTON - STATION NO. 05LA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.141	0.025	0	0	0	0	0B	---	1
2	---	---	0B	0 B	0.090	0.011	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.072	0.006	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.059	0.006	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.056	0.003	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.051	0.001	0.004	0	0	0	---	---	6
7	---	---	0B	0 B	0.038	0.001	0.011	0	0	0	---	---	7
8	---	---	0B	0 B	0.033	0.001	0.009	0	0	0	---	---	8
9	---	---	0B	0 B	0.028	0	0.009	0	0	0	---	---	9
10	---	---	0B	0 B	0.023	0.003	0.009	0	0	0	---	---	10
11	---	---	0B	0 B	0.020	0.004	0.007	0	0	0	---	---	11
12	---	---	0B	0 B	0.019	0.003	0.005	0	0	0	---	---	12
13	---	---	0B	0.169B	0.018	0.004	0.004	0	0	0	---	---	13
14	---	---	0B	1.25 B	0.016	0.003	0.005	0	0	0	---	---	14
15	---	---	0B	2.59 B	0.015	0.002	0.005	0	0	0	---	---	15
16	---	---	0B	2.27	0.015	0.001	0.004	0	0	0	---	---	16
17	---	---	0B	1.76	0.015	0	0.004	0	0	0	---	---	17
18	---	---	0B	1.42	0.017	0	0.003	0	0	0	---	---	18
19	---	---	0B	1.29	0.017	0	0.003	0	0	0	---	---	19
20	---	---	0B	1.20	0.016	0	0.002	0	0	0	---	---	20
21	---	---	0B	1.13	0.014	0	0	0	0	0B	---	---	21
22	---	---	0B	1.12	0.013	0	0	0	0	0B	---	---	22
23	---	---	0B	0.866	0.012	0	0	0	0	0B	---	---	23
24	---	---	0B	0.690	0.012	0	0	0	0	0B	---	---	24
25	---	---	0B	0.578	0.011	0	0	0	0	0B	---	---	25
26	---	---	0B	0.513	0.011	0	0	0	0	0B	---	---	26
27	---	---	0B	0.434	0.010	0	0	0	0	0B	---	---	27
28	---	---	0B	0.349	0.012	0	0	0	0	0B	---	---	28
29	---		0B	0.254	0.050	0	0	0	0	0B	---	---	29
30	---		0B	0.179	0.068	0	0	0	0	0B	---	---	30
31	---		0B		0.048		0	0		0B		---	31
TOTAL	---	---	0	18.062	1.020	0.074	0.084	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.602	0.033	0.002	0.003	0	0	0	---	---	MEAN
MAX	---	---	0	2.59	0.141	0.025	0.011	0	0	0	---	---	MAX
MIN	---	---	0	0	0.010	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.079
MAXIMUM DAILY, 2.59B ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.17 AT 09:36 CST ON APR 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 40 N
LONG 103 37 34 W
DRAINAGE AREA, 209 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	7.26
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 560	OCT	0
MAY	88.1	NOV	---
JUN	6.39	DEC	---

TOTAL DISCHARGE, 1 660 dam³

EAGLE CREEK NEAR ANGLIA - STATION NO. 05GC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 B	0.277	0.681	0.008	0.058	0.017	0.032	0.015	---	1
2	---	---	0 B	0 B	0.215	0.446	0.581	3.00	0.017	0.051	0.014A	---	2
3	---	---	0 B	0 B	0.169	0.290	2.95	4.39	0.020	0.063	---	---	3
4	---	---	0 B	0 B	0.155	0.166	1.99	4.25	0.021	0.051	---	---	4
5	---	---	0 B	0 B	0.159	0.115	1.55	2.82	0.022	0.046	---	---	5
6	---	---	0 B	0 B	0.147	0.085	1.29	1.68	0.025	0.041	---	---	6
7	---	---	0 B	0 B	0.117	0.036	1.40	0.997	0.024	0.034	---	---	7
8	---	---	0 B	0 B	0.106	0.034	1.13	0.681	0.021	0.029	---	---	8
9	---	---	0 B	0 B	0.100	0.047	0.793	0.399	0.019	0.027	---	---	9
10	---	---	0 B	0 B	0.067	0.068	0.548	0.207	0.018	0.024	---	---	10
11	---	---	0 B	0 B	0.085	0.114	0.343	0.112A	0.020	0.023	---	---	11
12	---	---	0 B	0.005B	0.139	0.183	0.216	0.052E	0.019	0.023	---	---	12
13	---	---	0 B	0.159B	0.068	0.184	0.163	0.031E	0.017	0.025	---	---	13
14	---	---	0 B	0.711B	0.071	0.169	0.140	0.025E	0.016	0.024	---	---	14
15	---	---	0 B	2.05 B	0.170	0.130	0.253	0.021E	0.016	0.024	---	---	15
16	---	---	0 B	5.78 B	0.050	0.130	0.403	0.019E	0.039	0.022	---	---	16
17	---	---	0 B	5.50	0.013	0.108	2.73	0.017E	0.014	0.021	---	---	17
18	---	---	0 B	4.14	0.010	0.050	3.36	0.015E	0.019	0.021	---	---	18
19	---	---	0 B	3.06	0.008	0.030	2.57	0.013E	0.018	0.021	---	---	19
20	---	---	0 B	2.18	0.008	0.023	2.04	0.011E	0.017	0.021	---	---	20
21	---	---	0 B	1.52	0.008	0.017	1.83	0.010E	0.016	0.020	---	---	21
22	---	---	0 B	1.54	0.008	0.014	1.51	0.009E	0.075	0.020	---	---	22
23	---	---	0 B	1.65	0.007	0.015	1.18	0.008E	0.027	0.019	---	---	23
24	---	---	0 B	1.37	0.006	0.017	0.908	0.008E	0.021	0.020	---	---	24
25	---	---	0 B	1.06	0.006	0.017	0.707	0.008E	0.021	0.019	---	---	25
26	---	---	0 B	0.820	0.006	0.014	0.545	0.008E	0.021	0.017	---	---	26
27	---	---	0 B	0.607	0.008	0.011	0.385	0.010E	0.021	0.017	---	---	27
28	---	---	0 B	0.428	0.006	0.011	0.263	0.011E	0.022	0.019	---	---	28
29	---		0 B	0.358	0.010	0.011	0.172	0.013E	0.027	0.018	---	---	29
30	---		0.001B	0.288	0.063	0.009	0.098	0.014A	0.030	0.017	---	---	30
31	---		0 B		0.671		0.063	0.015		0.016		---	31
TOTAL	---	---	0.001	33.026	2.933	3.185	32.039	18.912	0.680	0.825	---	---	TOTAL
MEAN	---	---	0	1.10	0.095	0.106	1.03	0.610	0.023	0.027	---	---	MEAN
MAX	---	---	0.001	5.78	0.671	0.681	3.36	4.39	0.075	0.063	---	---	MAX
MIN	---	---	0	0	0.006	0.009	0.008	0.008	0.014	0.016	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.374
MAXIMUM DAILY, 5.78B ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
6.45B AT 05:18 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 43 N
LONG 108 10 58 W
DRAINAGE AREA, 5 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 770
FEB	---	AUG	1 630
MAR	0.09	SEP	58.8
APR	2 850	OCT	71.3
MAY	253	NOV	---
JUN	275	DEC	---

TOTAL DISCHARGE, 7 910 dam³

EAGLE CREEK NEAR ENVIRON - STATION NO. 05GC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.015B	0.040B	1.89	0.859	0.042	0.168	0.337	0.097	0.064	---	1
2	---	---	0.015B	0.025B	1.66	0.758	0.040	0.236	0.300	0.110	0.044	---	2
3	---	---	0.015B	0.025B	1.47	0.731	0.021	0.231	0.235	0.121	---	---	3
4	---	---	0.015B	0.025B	1.39	0.706	0.016	0.224	0.206	0.122	---	---	4
5	---	---	0.015B	0.025B	1.38	0.677	0.018	0.238	0.286	0.143	---	---	5
6	---	---	0.015B	0.028B	1.27	0.678	0.015	0.221	0.315	0.126	---	---	6
7	---	---	0.015B	0.029B	1.12	0.616	0.021	0.161	0.302	0.113	---	---	7
8	---	---	0.015B	0.024B	0.985	0.573	0.030	0.126	0.278	0.109	---	---	8
9	---	---	0.015B	0.033B	0.841	0.505	0.031	0.119	0.249	0.098	---	---	9
10	---	---	0.015B	0.198B	0.721	0.486	0.020	0.124	0.218	0.080	---	---	10
11	---	---	0.015B	0.590B	0.638	0.497	0.014	0.302	0.196	0.089	---	---	11
12	---	---	0.018B	1.15 B	0.576	0.454	0.012	0.355	0.178	0.071	---	---	12
13	---	---	0.022B	1.66 B	0.523	0.385	0.014	0.349	0.155	0.058	---	---	13
14	---	---	0.025B	1.30 B	0.425	0.283	0.039	0.359	0.152	0.053	---	---	14
15	---	---	0.030B	0.370B	0.367	0.238	0.096	0.304	0.161	0.048	---	---	15
16	---	---	0.035B	0.579B	0.339	0.210	0.070	0.283	0.143	0.053	---	---	16
17	---	---	0.040B	0.794B	0.318	0.186	0.038	0.244	0.164	0.058	---	---	17
18	---	---	0.040B	0.294B	0.337	0.117	0.034	0.238	0.138	0.051	---	---	18
19	---	---	0.040B	1.28 B	0.373	0.090	0.175	0.206	0.103	0.038	---	---	19
20	---	---	0.042B	1.71 B	0.406	0.090	0.253	0.173	0.085	0.037	---	---	20
21	---	---	0.045B	2.76 B	0.404	0.085	0.169	0.189	0.064	0.033	---	---	21
22	---	---	0.050B	3.68 B	0.360	0.080	0.188	0.233	0.043	0.030	---	---	22
23	---	---	0.052B	6.59 B	0.358	0.075	0.157	0.340	0.034	0.037	---	---	23
24	---	---	0.097B	7.18	0.393	0.070	0.175	0.352	0.029	0.036	---	---	24
25	---	0.015B	0.066B	7.60	0.367	0.065	0.168	0.342	0.026	0.032	---	---	25
26	---	0.015B	0.163B	7.23	0.367	0.060	0.159	0.336	0.025	0.024	---	---	26
27	---	0.015B	0.197B	5.25	0.411	0.055	0.143	0.350	0.024	0.015	---	---	27
28	---	0.015B	0.392B	3.40	0.397	0.052	0.120	0.352	0.050	0.022	---	---	28
29	---		0.477B	2.60	0.507	0.048	0.105	0.336	0.123	0.052	---	---	29
30	---		0.082B	2.17	0.809	0.044	0.096	0.333	0.116	0.076	---	---	30
31	---		0.050B		0.834		0.124	0.326		0.066		---	31
TOTAL	---	---	2.128	58.639	22.236	9.773	2.603	8.150	4.775	2.098	---	---	TOTAL
MEAN	---	---	0.069	1.95	0.717	0.326	0.084	0.263	0.159	0.068	---	---	MEAN
MAX	---	---	0.477	7.60	1.89	0.859	0.253	0.359	0.337	0.143	---	---	MAX
MIN	---	---	0.015	0.024	0.318	0.044	0.012	0.119	0.024	0.015	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.451
MAXIMUM DAILY, 7.60 ON APR 25
MINIMUM DAILY, 0.012 ON JUL 12
MAXIMUM INSTANTANEOUS,
7.67 AT 18:16 CST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 50 N
LONG 107 22 40 W
DRAINAGE AREA, 11 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	225
FEB	---	AUG	704
MAR	184	SEP	413
APR	5 070	OCT	181
MAY	1 920	NOV	---
JUN	844	DEC	---

TOTAL DISCHARGE, 9 540 dam³

EAST POPLAR RIVER ABOVE COOKSON RESERVOIR - STATION NO. 11AE014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	B	1.94	0.207	0.086	0.005	0	0	---	---	1
2	---	---	0B	0	B	1.40	0.113	0.048	0.003	0	0	---	---	2
3	---	---	0B	0	B	0.831	0.214	0.016	0.002	0	0	---	---	3
4	---	---	0B	0	B	0.545	0.095	0.008	0.001	0	0	---	---	4
5	---	---	0B	0	B	0.318	0.024	0.005	0.001	0	0	---	---	5
6	---	---	0B	0	B	0.340	0.011	0.003	0	0	0	---	---	6
7	---	---	0B	0	B	0.268	0.006	0.002	0	0	0	---	---	7
8	---	---	0B	0	B	0.138	0.005	0.002	0	0	0	---	---	8
9	---	---	0B	0	B	0.077	0.003	0.001	0	0	0	---	---	9
10	---	---	0B	0	B	0.187	0.002	0.001	0	0	0	---	---	10
11	---	---	0B	0.038	B	0.197	0.002	0	0	0	0	---	---	11
12	---	---	0B	0.155	B	0.138	0.001	0	0	0	0	---	---	12
13	---	---	0B	10.7	B	0.099	0.001	0	0	0	0	---	---	13
14	---	---	0B	30.0		0.070	0.001	0	0	0	0	---	---	14
15	---	---	0B	23.6		0.053	0.001	0	0	0	0	---	---	15
16	---	---	0B	11.8		0.068	0.001	0.001	0	0	0	---	---	16
17	---	---	0B	7.58		0.072	0	0.001	0	0	0	---	---	17
18	---	---	0B	6.97		0.066	0	0.001	0	0	0	---	---	18
19	---	---	0B	2.49		0.066	0	0.001	0	0	0	---	---	19
20	---	---	0B	1.41		0.202	0	0	0	0	0	---	---	20
21	---	---	0B	2.29		0.316	0	0	0	0	0	---	---	21
22	---	0B	0B	3.20		0.184	0	0	0	0	0	---	---	22
23	---	0B	0B	2.95		0.119	0	0	0	0	0	---	---	23
24	---	0B	0B	2.13		0.082	0	0	0	0	0	---	---	24
25	---	0B	0B	1.44		0.049	0	0	0	0	0	---	---	25
26	---	0B	0B	1.13		0.027	0	0.001	0	0	0	---	---	26
27	---	0B	0B	1.06		0.015	0.001	0.071	0	0	0	---	---	27
28	---	0B	0B	1.17		0.261	0.553	0.086	0	0	0	---	---	28
29	---		0B	1.55		3.32	0.546	0.053	0	0	0	---	---	29
30	---		0B	1.82		0.942	0.218	0.018	0		0	---	---	30
31	---		0B			0.406		0.007	0		0		---	31
TOTAL	---	---	0	113.483		12.796	2.005	0.412	0.012	0	0	---	---	TOTAL
MEAN	---	---	0	3.78		0.413	0.067	0.013	0	0	0	---	---	MEAN
MAX	---	---	0	30.0		3.32	0.553	0.086	0.005	0	0	---	---	MAX
MIN	---	---	0	0		0.015	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.525
MAXIMUM DAILY, 30.0 ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
42.7 AT 22:54 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 51 N
LONG 105 32 36 W
DRAINAGE AREA, 143 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35.6
FEB	---	AUG	1.04
MAR	0	SEP	0
APR	9 800	OCT	0
MAY	1 110	NOV	---
JUN	173	DEC	---

TOTAL DISCHARGE, 11 100 dam³

EAST POPLAR RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 11AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.054B	0.025B	0.025B	1.84	B	0.878	1.42	0.133	0.085	0.079	0.091	0.091	0.088	1
2	0.051B	0.025B	0.025B	1.78	B	1.08	1.39	0.139	0.093	0.079	0.096	0.091	0.088	2
3	0.051B	0.025B	0.025B	1.93	B	1.30	1.27	0.150	0.099	0.079	0.091	0.085	0.088	3
4	0.051B	0.025B	0.025B	1.98	B	1.61	1.22	0.144	0.091	0.093	0.093	0.085	0.091	4
5	0.051B	0.025B	0.025B	1.93	B	1.50	1.10	0.130	0.085	0.085	0.093	0.088	0.088	5
6	0.051B	0.025B	0.025B	1.87	B	1.78	1.30	0.258	0.082	0.082	0.091	0.088	0.088	6
7	0.051B	0.025B	0.025B	1.70	B	1.25	0.963	0.181	0.085	0.079	0.091	0.091	0.085	7
8	0.051B	0.025B	0.025B	1.53	B	1.10	0.736	0.122	0.093	0.076	0.093	0.091	0.085	8
9	0.051B	0.025B	0.025B	1.42	B	1.05	0.680	0.113	0.082	0.076	0.099	0.091	0.085	9
10	0.048B	0.025B	0.025B	1.36	B	1.16	0.538	0.108	0.076	0.079	0.093	0.091	0.085	10
11	0.048B	0.025B	0.028B	1.70	B	0.906	0.453	0.105	0.076	0.079	0.088	0.091	0.085	11
12	0.048B	0.025B	0.028B	3.28		0.821	0.368	0.096	0.079	0.079	0.088	0.082	0.085	12
13	0.048B	0.025B	0.028B	4.30		0.793	0.340	0.093	0.076	0.079	0.085	0.082	0.085	13
14	0.045B	0.025B	0.028B	18.2		0.765	0.453	0.088	0.076	0.079	0.091	0.082	0.085	14
15	0.028B	0.025B	0.028B	83.0		0.793	0.566	0.110	0.076	0.079	0.085	0.085	0.085B	15
16	0.023B	0.028B	0.028B	58.9		0.821	0.623	0.193	0.079	0.082	0.088	0.088	0.085B	16
17	0.023B	0.028B	0.028B	16.5		0.850	0.481	0.241	0.079	0.079	0.088	0.091	0.088B	17
18	0.023B	0.028B	0.028B	3.48		0.765	0.368	0.150	0.079	0.079	0.091	0.091	0.091B	18
19	0.023B	0.028B	0.028B	18.2		0.765	0.368	0.122	0.079	0.079	0.091	0.091	0.091B	19
20	0.023B	0.028B	0.028B	13.5		0.878	0.266	0.108	0.079	0.079	0.088	0.085	0.088B	20
21	0.023B	0.028B	0.028B	2.27		0.793	0.227	0.096	0.079	0.076	0.088	0.082	0.088B	21
22	0.023B	0.028B	0.028B	2.21		0.708	0.201	0.093	0.082	0.079	0.088	0.082	0.088B	22
23	0.023B	0.028B	0.028B	2.38		0.765	0.368	0.093	0.079	0.079	0.091	0.079	0.088B	23
24	0.023B	0.025B	0.142B	2.80		0.736	0.212	0.091	0.079	0.079	0.091	0.079	0.085B	24
25	0.023B	0.025B	0.566B	2.89		0.566	0.144	0.088	0.079	0.079	0.091	0.079	0.085B	25
26	0.025B	0.025B	0.850B	2.83		0.538	0.127	0.093	0.082	0.079	0.091	0.082	0.085B	26
27	0.025B	0.025B	0.991B	2.78		0.651	0.170	0.113	0.079	0.088	0.096	0.085	0.082B	27
28	0.025B	0.025B	0.991B	2.07		1.13	0.283	0.102	0.082	0.105	0.096	0.088	0.079B	28
29	0.025B		1.13 B	0.850		0.963	0.198	0.105	0.079	0.095	0.093	0.088	0.082B	29
30	0.025B		1.70 B	0.793		1.47	0.150	0.093	0.076	0.091	0.085	0.088	0.085B	30
31	0.025B		1.84 B			1.44		0.091	0.079		0.088		0.085B	31
TOTAL	1.107	0.724	8.824	260.273		30.625	16.975	3.842	2.524	2.454	2.812	2.592	2.671	TOTAL
MEAN	0.036	0.026	0.285	8.68		0.988	0.566	0.124	0.081	0.082	0.091	0.086	0.086	MEAN
MAX	0.054	0.028	1.84	83.0		1.78	1.42	0.258	0.099	0.105	0.099	0.091	0.091	MAX
MIN	0.023	0.025	0.025	0.793		0.538	0.127	0.088	0.076	0.076	0.085	0.079	0.079	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.919
MAXIMUM DAILY, 83.0 ON APR 15
MINIMUM DAILY, 0.023B ON JAN 16
MAXIMUM INSTANTANEOUS,
89.2 AT 13:00 CST ON APR 15

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 00 N
LONG 105 24 32 W
DRAINAGE AREA, 1 400 km²

B - ICE CONDITIONS

REGULATED SINCE 1975

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	95.6	JUL	332
FEB	62.6	AUG	218
MAR	762	SEP	212
APR	22 500	OCT	243
MAY	2 650	NOV	224
JUN	1 470	DEC	231

TOTAL DISCHARGE, 29 000 dam³

EASTEND CANAL - STATION NO. 11AC052

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	1.19	0	0	---	---	1
2	---	---	0	0	0	0	0	1.18	0	0	---	---	2
3	---	---	0	0	0	0	0	1.17	0	0	---	---	3
4	---	---	0	0	0	0	0	1.29	0	0	---	---	4
5	---	---	0	0	0	0	0	1.37	0	0	---	---	5
6	---	---	0	0	0	0	0	1.36	0	0	---	---	6
7	---	---	0	0	0	0	0	1.35	0	0	---	---	7
8	---	---	0	0	0	0	0	1.34	0	0	---	---	8
9	---	---	0	0	0	0	0	1.32	0	0	---	---	9
10	---	---	0	0	0	0	0	1.30	0	0	---	---	10
11	---	---	0	0	0	0	0	1.21	0	0	---	---	11
12	---	---	0	0	0	0	0	1.21	0	0	---	---	12
13	---	---	0	0	0	0	0	1.17	0	0	---	---	13
14	---	---	0	0	0	0	0	1.13	0	0	---	---	14
15	---	---	0	0	0	0	0	1.09	0	0	---	---	15
16	---	---	0	0	0	0	0	1.05	0	0	---	---	16
17	---	---	0	0	0	0	0	1.00	0	0	---	---	17
18	---	---	0	0	0	0	0	0.813	0	0	---	---	18
19	---	---	0	0	0	0	0	0.637	0	0	---	---	19
20	---	---	0	0	0	0	0	0.480	0	0	---	---	20
21	---	---	0	0	0	0	0	0.435	0	0	---	---	21
22	---	0	0	0	0	0	0	0.433	0	0	---	---	22
23	---	0	0	0	0	0	0	0.258	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0.652	0	0	0	0	0	---	---	25
26	---	0	0	0	1.15	0	0	0	0	0	---	---	26
27	---	0	0	0	1.24	0	0	0	0	0	---	---	27
28	---	0	0	0	1.14	0	0.870	0	0	0	---	---	28
29	---		0	0	0.383	0	1.23	0	0	0	---	---	29
30	---		0	0	0.168	0	1.22	0	0	0	---	---	30
31	---		0		0		1.20	0		0		---	31
TOTAL	---	---	0	0	4.733	0	4.520	23.786	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.153	0	0.146	0.767	0	0	---	---	MEAN
MAX	---	---	0	0	1.24	0	1.23	1.37	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.135
MAXIMUM DAILY, 1.37 ON AUG 5
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 21 N
LONG 108 50 54 W

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	391
FEB	---	AUG	2 060
MAR	0	SEP	0
APR	0	OCT	0
MAY	409	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 860 dam³

EASTEND RESERVOIR - STATION NO. 11AC055

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	915.499	915.500	918.506	918.605	918.552	918.090	915.460	914.920E	---	---	1
2	---	---	915.506	915.535	918.572	918.622	918.588	918.011	915.441	914.700E	---	---	2
3	---	---	915.580	915.544	918.551	918.600	918.550	917.927	915.420	914.480E	---	---	3
4	---	---	915.616	915.653	918.511	918.509	918.412	917.842	915.401	914.240E	---	---	4
5	---	---	915.672	915.529	918.470	918.432	918.382	917.748	915.381	914.000E	---	---	5
6	---	---	915.683	915.499	918.418	918.249	918.326	917.646	915.358	914.000E	---	---	6
7	---	---	915.574	915.492	918.389	918.272	918.315	917.540	915.329	914.000E	---	---	7
8	---	---	915.510	915.507	918.373	918.368	918.305	917.427	915.287	914.000E	---	---	8
9	---	---	915.502	915.497	918.376	918.415	918.293	917.309	915.223	914.000E	---	---	9
10	---	---	915.513	915.498	918.396	918.432	918.283	917.198	915.132	914.000E	---	---	10
11	---	---	915.516	915.522	918.411	918.425	918.279	917.098	915.018	914.000E	---	---	11
12	---	---	915.519	915.535	918.428	918.418	918.279	917.031	914.887	914.000E	---	---	12
13	---	---	915.511	915.546	918.441	918.397	918.276	916.926	914.640E	914.000A	---	---	13
14	---	---	915.537	915.667	918.447	918.371	918.269	916.815	914.420E	914.000E	---	---	14
15	---	---	915.553	915.739	918.446	918.386	918.263	916.697	914.200E	914.000E	---	---	15
16	---	---	915.546	915.901	918.453	918.415	918.287	916.569	914.000A	914.000E	---	---	16
17	---	---	915.537	916.720	918.534	918.431	918.311	916.431	914.000E	914.000E	---	---	17
18	---	---	915.531	917.599	918.523	918.455	918.338	916.296	914.000E	914.000E	---	---	18
19	---	---	915.534	917.624	918.498	918.474	918.357	916.197	914.000E	914.000E	---	---	19
20	---	---	915.548	917.419	918.463	918.491	918.369	916.132	914.000E	914.000E	---	---	20
21	---	---	915.567	917.313	918.457	918.502	918.381	916.094	914.000E	914.000E	---	---	21
22	---	915.462A	915.543	917.317	918.479	918.519	918.390	916.055	914.000E	914.000E	---	---	22
23	---	915.482	915.514	917.638	918.526	918.526	918.393	916.016	914.000E	914.000E	---	---	23
24	---	915.484	915.502	918.158	918.560	918.534	918.393	915.995	914.000E	914.000E	---	---	24
25	---	915.500	915.528	918.171	918.568	918.541	918.392	915.753	914.260E	914.000E	---	---	25
26	---	915.497	915.513	918.017	918.525	918.548	918.397	915.491	914.480E	914.000E	---	---	26
27	---	915.518	915.498	918.010	918.492	918.548	918.394	915.478	914.666	914.000E	---	---	27
28	---	915.559	915.491	918.148	918.469	918.542	918.370	915.478	915.102	914.000A	---	---	28
29	---		915.494	918.296	918.535	918.540	918.306	915.477	915.411	914.000E	---	---	29
30	---		915.510	918.407	918.586	918.546	918.237	915.477	915.180	914.000E	---	---	30
31	---		915.502		918.607		918.163	915.474		914.000E		---	31
MEAN	---	---	915.537	916.600	918.484	918.470	918.350	916.636	914.723	914.075	---	---	MEAN
MAX	---	---	915.683	918.407	918.607	918.622	918.588	918.090	915.460	914.920	---	---	MAX
MIN	---	---	915.491	915.492	918.373	918.249	918.163	915.474	914.000	914.000	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 918.622 ON JUN 2
MINIMUM DAILY, 914.000A ON SEP 16
MAXIMUM INSTANTANEOUS,
918.674 AT 21:43 CST ON JUN 2

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 22 N
LONG 108 51 05 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1937

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

ECHO LAKE AT FISH HATCHERY - STATION NO. 05JK005

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	478.478	478.546	478.619	478.719	479.455	479.200A	479.013	479.181	479.090	479.032	478.911	478.836	1
2	478.480	478.550	478.622	478.719	479.501	479.171	479.025	479.186	479.088	479.030	478.898	478.841	2
3	478.481	478.550A	478.625	478.720	479.534	479.144	479.044	479.195	479.076	479.029	478.884	478.846	3
4	478.480	478.553E	478.629	478.719	479.577	479.114	479.042	479.188	479.069	479.031	478.871	478.848	4
5	478.477	478.555E	478.632	478.718	479.605	479.087	479.043	479.183	479.059	479.016	478.857	478.839	5
6	478.475	478.558E	478.633	478.716	479.626	479.061	479.053	479.181	479.060	478.999	478.852	478.836	6
7	478.475	478.561E	478.636	478.713	479.627	479.031	479.045	479.194	479.065	478.991	478.848	478.831	7
8	478.472	478.563E	478.641	478.712	479.621	479.002	479.045	479.183	479.071	478.987	478.843	478.825	8
9	478.472	478.566E	478.648	478.708	479.613	478.983	479.053	479.175	479.077	478.988	478.842	478.827	9
10	478.471A	478.568E	478.652	478.703	479.609	478.990	479.062	479.168	479.073	478.984	478.844	478.822	10
11	478.470E	478.571E	478.656	478.701	479.606	478.987	479.069	479.163	479.077	478.980	478.843	478.820	11
12	478.470E	478.574E	478.664	478.701	479.593	478.989	479.072	479.172	479.064	478.978	478.843	478.822	12
13	478.470E	478.576E	478.671	478.706	479.582	478.994	479.068	479.173	479.055	478.968	478.843	478.821	13
14	478.470A	478.579E	478.675	478.721	479.571	478.990	479.066	479.167	479.049	478.963	478.860	478.821	14
15	478.470	478.582E	478.677	478.744	479.543	478.988	479.078	479.163	479.051	478.959	478.867	478.824	15
16	478.474	478.584E	478.679	478.775	479.529	479.003	479.089	479.150	479.050	478.945	478.858	478.829	16
17	478.480	478.587A	478.687	478.813	479.522	478.991	479.148	479.146	479.048	478.942	478.846	478.833	17
18	478.483	478.593	478.692	478.848	479.508	479.000	479.145	479.154	479.048	478.937	478.842	478.833	18
19	478.483	478.598	478.696	478.870	479.486	479.009	479.155	479.150	479.046	478.932	478.832	478.833	19
20	478.486	478.602	478.700	478.880	479.470	478.998	479.162	479.143	479.047	478.931	478.823	478.832	20
21	478.490	478.604	478.702	478.886	479.461	478.998	479.153	479.138	479.042	478.929	478.820	478.832	21
22	478.494	478.606	478.709	478.893	479.446	478.996	479.163A	479.138	479.047	478.924	478.830	478.833	22
23	478.499	478.606	478.710	478.906	479.429	479.003	479.190	479.141	479.050	478.924	478.831	478.837	23
24	478.503	478.609	478.715	478.925	479.409	479.001	479.199	479.140	479.046	478.923	478.831	478.836	24
25	478.510	478.611	478.717	478.965	479.386	478.996	479.197	479.134	479.046	478.923	478.827	478.835	25
26	478.521	478.611	478.716	479.035	479.354	479.004	479.192	479.128	479.046	478.920	478.826	478.838	26
27	478.533	478.614	478.716	479.125	479.319A	479.010	479.196	479.113	479.016	478.919	478.826	478.833	27
28	478.534	478.618	478.717	479.223	479.294E	479.006	479.198	479.101	479.023	478.921	478.827	478.831	28
29	478.538		478.721	479.319	479.271E	479.012	479.195	479.104	479.046	478.918	478.830	478.830	29
30	478.540		478.722	479.399	479.248E	479.011	479.191	479.096	479.043	478.924	478.833	478.834	30
31	478.545		478.723		479.224E		479.192	479.088		478.920		478.837	31
MEAN	478.491	478.582	478.677	478.853	479.484	479.026	479.114	479.153	479.056	478.960	478.846	478.832	MEAN
MAX	478.545	478.618	478.723	479.399	479.627	479.200	479.199	479.195	479.090	479.032	478.911	478.846	MAX
MIN	478.470	478.546	478.619	478.701	479.224	478.983	479.013	479.088	479.016	478.918	478.820	478.820	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 478.925
MAXIMUM DAILY, 479.627 ON MAY 7
MINIMUM DAILY, 478.470E ON JAN 11
MAXIMUM INSTANTANEOUS,
479.634 AT 19:33 CST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 35 N
LONG 103 52 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

EKAPO CREEK NEAR MARIEVAL - STATION NO. 05JM010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.100B	0.199E	0.005	0.003	0.003	0.001	0.002	0.001E	---	1
2	---	---	0 B	0.060B	0.151E	0.004	0.003	0.003	0.001	0.002	0.001E	---	2
3	---	---	0 B	0.050B	0.123E	0.004	0.003	0.003	0.001	0.002	0.001A	---	3
4	---	---	0 B	0.040B	0.098E	0.004	0.002	0.003	0.001	0.002	---	---	4
5	---	---	0 B	0.030B	0.103E	0.004	0.002	0.003	0.001	0.002	---	---	5
6	---	---	0 B	0.020B	0.099E	0.004	0.002	0.003	0.001	0.002	---	---	6
7	---	---	0 B	0.015B	0.079E	0.004	0.003	0.003	0.001	0.002	---	---	7
8	---	---	0 B	0.013B	0.055E	0.004	0.003	0.002	0.001	0.002	---	---	8
9	---	---	0 B	0.011B	0.036E	0.003	0.003	0.002	0.001	0.002	---	---	9
10	---	---	0 B	0.010B	0.032E	0.003	0.003	0.002	0.001	0.002	---	---	10
11	---	---	0 B	0.200B	0.030E	0.003	0.003	0.002	0.001	0.002	---	---	11
12	---	---	0 B	0.780B	0.026E	0.002	0.003	0.002	0.001	0.002	---	---	12
13	---	---	0 B	3.00 B	0.025E	0.002	0.002	0.002	0.001	0.002	---	---	13
14	---	---	0 B	6.35 B	0.020E	0.002	0.002	0.002	0.001	0.002	---	---	14
15	---	---	0.001B	9.66 B	0.015E	0.002	0.005	0.001	0.001	0.002	---	---	15
16	---	---	0.001B	8.23 B	0.014E	0.002	0.114	0.001	0.001	0.002	---	---	16
17	---	---	0.001B	6.71	0.013E	0.002	0.401A	0.001	0.001	0.002	---	---	17
18	---	---	0.001B	4.92 E	0.012E	0.002	0.036E	0.001	0.001	0.002	---	---	18
19	---	---	0.001B	3.68 E	0.011E	0.002	0.006A	0.001	0.001	0.002A	---	---	19
20	---	---	0.001B	3.06 E	0.010E	0.002	0.004	0.001	0.001	0.002E	---	---	20
21	---	---	0.001B	2.39 A	0.009E	0.002	0.003	0.001	0.001	0.002E	---	---	21
22	---	---	0.001B	1.91 E	0.008E	0.002	0.006	0.001	0.001	0.002E	---	---	22
23	---	---	0.001B	1.54 E	0.007E	0.002	0.004	0.001	0.001	0.001E	---	---	23
24	---	---	0.001B	1.27 E	0.006E	0.002	0.004	0.001	0.001	0.001E	---	---	24
25	---	---	0.001B	0.953E	0.005A	0.002	0.003	0.001	0.001	0.001E	---	---	25
26	---	---	0.001B	0.682E	0.005	0.002	0.003	0.001	0.001	0.001A	---	---	26
27	---	---	0.001B	0.539E	0.006	0.002	0.003	0.001	0.001	0.001E	---	---	27
28	---	---	0.100B	0.422E	0.005	0.003	0.003	0.001	0.002	0.001E	---	---	28
29	---		0.200B	0.335E	0.006	0.003	0.003	0.001	0.002	0.001E	---	---	29
30	---		0.300B	0.282A	0.007	0.003	0.003	0.001	0.002	0.001E	---	---	30
31	---		0.200B		0.005		0.003	0.001		0.001E		---	31
TOTAL	---	---	0.813	57.182	1.220	0.083	0.641	0.052	0.033	0.053	---	---	TOTAL
MEAN	---	---	0.026	1.91	0.039	0.003	0.021	0.002	0.001	0.002	---	---	MEAN
MAX	---	---	0.300	9.66	0.199	0.005	0.401	0.003	0.002	0.002	---	---	MAX
MIN	---	---	0	0.010	0.005	0.002	0.002	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.245
MAXIMUM DAILY, 9.66B ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
10.0B AT 23:00 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31 47 N
LONG 103 42 37 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	55.4
FEB	---	AUG	4.49
MAR	70.2	SEP	2.85
APR	4 940	OCT	4.58
MAY	105	NOV	---
JUN	7.17	DEC	---

TOTAL DISCHARGE, 5 190 dam³

ELBOW DIVERSION CANAL AT DROP STRUCTURE - STATION NO. 05JG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.30B	1.20B	1.38 B	0.030B	0.030	0.033	0.926	0.993	2.87	3.02	1.83	1.38B	1
2	1.30B	1.20B	1.37 B	0.030B	0.031	0.033	0.953	1.02	2.86	3.02	1.85	1.38B	2
3	1.29B	1.19B	1.37 B	0.030B	0.030	0.033	0.926	1.03	2.91	3.02	1.86	1.38B	3
4	1.29B	1.19B	1.37 B	0.030B	0.030	0.033	0.934	1.03	2.93	3.00	1.85	1.38B	4
5	1.29B	1.18B	1.37 B	0.030B	0.029	0.033	0.950	1.03	2.91	2.39	1.85	1.38B	5
6	1.28B	1.18B	1.37 B	0.030B	0.032A	0.032	0.945	1.01	2.93	1.81	1.87	1.37B	6
7	1.28B	1.18B	1.37 B	0.030B	0.032E	0.032	0.933	1.01	2.94	1.81	1.86	1.37B	7
8	1.28B	1.17B	1.36 B	0.030B	0.032E	0.032	0.957	1.02	2.91	1.81	1.87	1.37B	8
9	1.27B	1.17B	1.36 B	0.030B	0.032E	0.032	0.943	1.04	2.97	1.83	1.90	1.37B	9
10	1.27B	1.16B	1.36 B	0.031B	0.032E	0.033	0.927	1.04	2.97	1.81	1.91	1.37B	10
11	1.27B	1.16B	1.36 B	0.035B	0.032E	0.032	0.926	1.05	2.96	1.81	1.91	1.37B	11
12	1.26B	1.15B	1.36 B	0.035B	0.032E	0.032	0.934	1.42	3.01	1.80	1.92	1.36B	12
13	1.26B	1.15B	1.36 B	0.093B	0.032A	0.032	0.929	1.77	3.00	1.79	1.92	1.36B	13
14	1.26B	1.14B	1.35 B	0.043B	0.031	0.033	1.00	1.77	3.00	1.81	1.90	1.36B	14
15	1.25B	1.30B	1.35 B	0.035B	0.031	0.034	0.994	1.77	2.99	1.81	1.91	1.36B	15
16	1.25B	1.40B	1.35 B	0.033B	0.032	0.033	0.990	1.41	2.98	1.79	1.89	1.36B	16
17	1.25B	1.40B	1.35 B	0.033B	0.032	0.033	0.975	1.02	2.96	1.79	1.92	1.36B	17
18	1.24B	1.40B	0.800B	0.032B	0.032	0.033	0.984	1.02	2.99	1.80	1.91	1.35B	18
19	1.24B	1.40B	0.030B	0.031B	0.032	0.032	0.955	1.01	2.98	1.79	1.89	1.35B	19
20	1.24B	1.39B	0.030B	0.032B	0.033	0.032	0.949	1.01	2.97	1.79	1.86	1.35B	20
21	1.23B	1.39B	0.030B	0.032B	0.033	0.033	0.955	1.02	2.97	1.80	1.90B	1.35B	21
22	1.23B	1.39B	0.030B	0.033B	0.032	0.032	0.999	1.02	2.99	1.82	1.70B	1.35B	22
23	1.23B	1.39B	0.030B	0.032	0.032	0.033	0.975	1.97	2.99	1.82	1.40B	1.35B	23
24	1.22B	1.39B	0.030B	0.031	0.032	1.29	0.959	2.91	2.98	1.80	1.40B	1.35B	24
25	1.22B	1.38B	0.030B	0.031	0.032	2.71	0.981	2.89	2.99	1.80	1.40B	1.34B	25
26	1.22B	1.38B	0.030B	0.031	0.032	2.73	1.00	2.71	3.01	1.83	1.39B	1.34B	26
27	1.21B	1.38B	0.030B	0.031	0.032	2.71	1.03	2.83	3.00	1.81	1.39B	1.34B	27
28	1.21B	1.38B	0.030B	0.031	0.035	1.81	1.03	2.84	3.06	1.81	1.39B	1.34B	28
29	1.21B		0.030B	0.030	0.054	0.924	1.02	2.87	3.01	1.80	1.35B	1.34B	29
30	1.20B		0.030B	0.030	0.035	0.916	0.995	2.89	3.02	1.81	1.39B	1.34B	30
31	1.20B		0.030B		0.033		1.01	2.88		1.81		1.34B	31
TOTAL	38.75	35.79	24.350	1.015	1.011	13.840	29.984	50.303	89.06	61.41	52.43	42.11	TOTAL
MEAN	1.25	1.28	0.785	0.034	0.033	0.461	0.967	1.62	2.97	1.98	1.75	1.36	MEAN
MAX	1.30	1.40	1.38	0.093	0.054	2.73	1.03	2.91	3.06	3.02	1.92	1.38	MAX
MIN	1.20	1.14	0.030	0.030	0.029	0.032	0.926	0.993	2.86	1.79	1.39	1.34	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.21
MAXIMUM DAILY, 3.06 ON SEP 28
MINIMUM DAILY, 0.029 ON MAY 5

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 40 N
LONG 106 23 55 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 350	JUL	2 590
FEB	3 090	AUG	4 350
MAR	2 100	SEP	7 690
APR	87.7	OCT	5 310
MAY	87.4	NOV	4 530
JUN	1 200	DEC	3 640

TOTAL DISCHARGE, 38 000 dam³

EMMA LAKE NEAR TWEEDSMUIR - STATION NO. 05GG008

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	515.463E	515.521E	515.477E	515.445E	515.536E	515.502	515.489	---	1
2	---	---	---	---	515.464E	515.523E	515.473	515.449E	515.538E	515.505E	515.489E	---	2
3	---	---	---	---	515.465E	515.524E	515.475E	515.452E	515.540	515.508E	515.489E	---	3
4	---	---	---	---	515.466E	515.526	515.477E	515.456E	515.539E	515.512E	515.489E	---	4
5	---	---	---	---	515.467E	515.526E	515.478E	515.459E	515.538E	515.515E	515.489	---	5
6	---	---	---	---	515.468E	515.526E	515.480E	515.463	515.538E	515.518E	---	---	6
7	---	---	---	---	515.469	515.526E	515.482E	515.473E	515.537E	515.522E	---	---	7
8	---	---	---	---	515.472E	515.526E	515.484E	515.483E	515.536E	515.525E	---	---	8
9	---	---	---	---	515.475E	515.526E	515.485	515.493E	515.535E	515.528E	---	---	9
10	---	---	---	---	515.478E	515.526E	515.486E	515.504E	515.534	515.532E	---	---	10
11	---	---	---	---	515.480E	515.526	515.486E	515.514E	515.531E	515.535E	---	---	11
12	---	---	---	---	515.483E	515.522E	515.486E	515.524E	515.528E	515.538	---	---	12
13	---	---	---	---	515.486E	515.518E	515.486E	515.534	515.525E	515.534E	---	---	13
14	---	---	---	---	515.489	515.515E	515.486E	515.537E	515.522E	515.529E	---	---	14
15	---	---	---	---	515.491E	515.511	515.486E	515.541	515.519E	515.524	---	---	15
16	---	---	---	---	515.494E	515.511E	515.487	515.539E	515.516	515.519E	---	---	16
17	---	---	---	---	515.496	515.511	515.483E	515.537E	515.513E	515.514E	---	---	17
18	---	---	---	---	515.498E	515.510E	515.479E	515.535E	515.511E	515.509E	---	---	18
19	---	---	---	---	515.500E	515.509E	515.475E	515.533E	515.509E	515.504E	---	---	19
20	---	---	---	---	515.502E	515.508E	515.471E	515.531	515.507E	515.498E	---	---	20
21	---	---	---	---	515.504	515.507E	515.468E	515.530E	515.504E	515.493E	---	---	21
22	---	---	---	---	515.507E	515.505E	515.464E	515.529E	515.502E	515.488	---	---	22
23	---	---	---	---	515.509E	515.504E	515.460	515.529E	515.500E	515.488E	---	---	23
24	---	---	---	---	515.512	515.503E	515.457E	515.528E	515.498	515.488E	---	---	24
25	---	---	---	---	515.516E	515.502	515.454E	515.528E	515.498E	515.488E	---	---	25
26	---	---	---	---	515.520E	515.498E	515.451E	515.527E	515.499E	515.488E	---	---	26
27	---	---	---	---	515.523E	515.493E	515.448E	515.526	515.499E	515.489E	---	---	27
28	---	---	---	---	515.527	515.489E	515.445E	515.528E	515.500E	515.489E	---	---	28
29	---		---	---	515.525E	515.485E	515.442E	515.530E	515.500E	515.489E	---	---	29
30	---		---	---	515.522E	515.481E	515.438	515.532E	515.501E	515.489E	---	---	30
31	---		---		515.520		515.442E	515.534E		515.489E		---	31
MEAN	---	---	---	---	515.493	515.512	515.471	515.510	515.518	515.508	---	---	MEAN
MAX	---	---	---	---	515.527	515.526	515.487	515.541	515.540	515.538	---	---	MAX
MIN	---	---	---	---	515.463	515.481	515.438	515.445	515.498	515.488	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 515.541 ON AUG 15

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 34 10 N
LONG 105 53 15 W
DATA CONTRIBUTED BY - SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ENGLISHMAN RIVER NEAR SPRUCE LAKE - STATION NO. 05EP006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	1.02	0.031	0.048	0.059	0.184	0.111	0.180B	---	1
2	---	---	0B	0 B	0.896	0.017	0.246	0.589	0.148	0.145	0.176B	---	2
3	---	---	0B	0 B	0.793	0.009	0.797	1.95	0.113	0.183	0.169B	---	3
4	---	---	0B	0 B	0.681	0.017	1.09	2.02	0.114	0.192	---	---	4
5	---	---	0B	0 B	0.636	0.064	1.08	1.65	0.110	0.187	---	---	5
6	---	---	0B	0 B	0.593	0.129	0.771	1.00	0.095	0.206	---	---	6
7	---	---	0B	0 B	0.549	0.118	0.654	0.608	0.080	0.139	---	---	7
8	---	---	0B	0 B	0.440	0.110	0.712	0.421	0.074	0.142	---	---	8
9	---	---	0B	0 B	0.345	0.138	0.586	0.290	0.119	0.120	---	---	9
10	---	---	0B	0 B	0.277	0.156	0.411	0.203	0.108	0.112	---	---	10
11	---	---	0B	0 B	0.228	0.084	0.303	0.136	0.101	0.112	---	---	11
12	---	---	0B	0 B	0.188	0.065	0.208	0.104	0.078	0.128	---	---	12
13	---	---	0B	0 B	0.169	0.063	0.156	0.095	0.073	0.171	---	---	13
14	---	---	0B	0 B	0.166	0.053	0.112	0.107	0.066	0.136	---	---	14
15	---	---	0B	0 B	0.136	0.057	0.094	0.107	0.082	0.108	---	---	15
16	---	---	0B	0 B	0.124	0.058	0.054	0.144	0.086	0.132	---	---	16
17	---	---	0B	0 B	0.142	0.050	0.043	0.129	0.058	0.198	---	---	17
18	---	---	0B	0.001B	0.124	0.046	0.028	0.102	0.094	0.230	---	---	18
19	---	---	0B	0.100B	0.114	0.039	0.046	0.089	0.120	0.236	---	---	19
20	---	---	0B	0.967B	0.155	0.026	0.047	0.074	0.107	0.246	---	---	20
21	---	---	0B	0.761B	0.142	0.020	0.045	0.077	0.086	0.253	---	---	21
22	---	---	0B	1.11 B	0.155	0.041	0.055	0.085	0.064	0.250	---	---	22
23	---	---	0B	2.30 B	0.205	0.155	0.071	0.081	0.057	0.241	---	---	23
24	---	---	0B	2.71 B	0.207	0.245	0.099	0.142	0.078	0.224	---	---	24
25	---	---	0B	2.20	0.175	0.205	0.101	0.177	0.086	0.207	---	---	25
26	---	---	0B	1.75 E	0.135	0.142	0.085	0.137	0.089	0.208	---	---	26
27	---	---	0B	1.59 A	0.144	0.094	0.067	0.131	0.091	0.205	---	---	27
28	---	---	0B	1.36 A	0.138	0.066	0.040	0.146	0.093	0.200B	---	---	28
29	---		0B	1.25	0.143	0.050	0.036	0.140	0.127	0.197B	---	---	29
30	---		0B	1.14	0.126	0.037	0.033	0.163	0.115	0.188B	---	---	30
31	---		0B		0.043		0.036	0.169		0.175B		---	31
TOTAL	---	---	0	17.219	9.389	2.385	8.154	11.325	2.896	5.580	---	---	TOTAL
MEAN	---	---	0	0.574	0.303	0.080	0.263	0.365	0.097	0.180	---	---	MEAN
MAX	---	---	0	2.71	1.02	0.245	1.09	2.02	0.184	0.253	---	---	MAX
MIN	---	---	0	0	0.043	0.009	0.028	0.059	0.057	0.108	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.232
MAXIMUM DAILY, 2.71B ON APR 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.99B AT 06:24 CST ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 32 N
LONG 109 09 25 W
DRAINAGE AREA, 393 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	705
FEB	---	AUG	978
MAR	0	SEP	250
APR	1 490	OCT	482
MAY	811	NOV	---
JUN	206	DEC	---

TOTAL DISCHARGE, 4 920 dam³

ETOMAMI RIVER NEAR BERTWELL - STATION NO. 05LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.260B	5.64	7.13 A	0.164	0.122	0.014	0	0.079A	---	1
2	---	---	0 B	0.220B	5.24	8.50 E	0.193	0.153	0.021	0.001	---	---	2
3	---	---	0 B	0.180B	4.95	10.0 E	0.174	0.147	0.023	0.002	---	---	3
4	---	---	0 B	0.150B	4.59	11.6 E	0.174	0.140	0.017	0.071	---	---	4
5	---	---	0 B	0.130B	4.13	12.5 E	0.214	0.110	0.009	0.122	---	---	5
6	---	---	0 B	0.120B	3.43	11.1 E	0.208	0.103	0.009	0.120	---	---	6
7	---	---	0 B	0.115B	2.91	9.50 E	0.296	0.176	0.014	0.144	---	---	7
8	---	---	0 B	0.110B	2.51	7.90 E	0.268	0.211	0.013	0.141	---	---	8
9	---	---	0 B	0.115B	2.17	6.80 E	0.260	0.236	0.015	0.129	---	---	9
10	---	---	0 B	0.120B	1.96	6.19 A	0.307	0.162	0.010	0.117	---	---	10
11	---	---	0 B	0.130B	1.76	5.14	0.345	0.112	0.002	0.100	---	---	11
12	---	---	0.010B	0.140B	1.46	4.01	0.311	0.111	0	0.108	---	---	12
13	---	---	0.020B	0.170B	1.35	3.14	0.236	0.173	0	0.138	---	---	13
14	---	---	0.030B	0.202B	1.21	2.63	0.211	0.147	0	0.160	---	---	14
15	---	---	0.040B	8.13 B	1.31	2.58	0.223	0.084	0	0.166	---	---	15
16	---	---	0.050B	15.7 B	1.19	2.03	0.230	0.049	0	0.168	---	---	16
17	---	---	0.060B	17.9 B	1.01	1.28	0.339	0.042	0	0.152	---	---	17
18	---	---	0.070B	14.1 B	1.09	0.820	0.356	0.038	0	0.145	---	---	18
19	---	---	0.080B	10.8 B	1.17	0.620	0.537	0.028	0	0.172	---	---	19
20	---	---	0.090B	8.78 B	1.16	0.460	0.905	0.021	0	0.148	---	---	20
21	---	---	0.100B	8.01	1.05	0.368	0.880	0.011	0	0.156	---	---	21
22	---	---	0.120B	8.92	0.980	0.275	0.715	0.005	0	0.147	---	---	22
23	---	---	0.150B	9.06	0.913	0.213	0.590	0	0	0.132	---	---	23
24	---	---	0.170B	8.82	0.855	0.212	0.388	0	0	0.108	---	---	24
25	---	---	0.200B	8.20	0.915	0.185	0.283	0	0	0.101	---	---	25
26	---	---	0.220B	7.71	0.815	0.152	0.297	0	0	0.089	---	---	26
27	---	---	0.250B	7.01	0.736	0.142	0.205	0	0	0.096	---	---	27
28	---	---	0.275B	6.76	0.770	0.118	0.126	0	0	0.132	---	---	28
29	---		0.300B	7.78	1.14	0.112	0.112	0	0	0.087	---	---	29
30	---		0.335B	6.24	3.02	0.132	0.089	0	0	0.087	---	---	30
31	---		0.300B		6.68		0.077	0.001		0.092		---	31
TOTAL	---	---	2.870	156.082	68.114	115.839	9.713	2.382	0.147	3.531	---	---	TOTAL
MEAN	---	---	0.093	5.20	2.20	3.86	0.313	0.077	0.005	0.114	---	---	MEAN
MAX	---	---	0.335	17.9	6.68	12.5	0.905	0.236	0.023	0.172	---	---	MAX
MIN	---	---	0	0.110	0.736	0.112	0.077	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.46
MAXIMUM DAILY, 17.9B ON APR 17
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 35 30 N
LONG 102 33 10 W
DRAINAGE AREA, 2 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	839
FEB	---	AUG	206
MAR	248	SEP	12.7
APR	13 500	OCT	305
MAY	5 890	NOV	---
JUN	10 000	DEC	---

TOTAL DISCHARGE, 31 000 dam³

REMARKS - STATION MOVED APPROX. 1.0 km UPSTREAM ON JUN 03 1982

EVENHILL CREEK NEAR HACKLIN - STATION NO. 05GA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.001	0.460E	0.001	0	0	0.001	0.005	---	1
2	---	---	0B	0 B	0.002	0.458A	0.008	0	0	0.007	0.002	---	2
3	---	---	0B	0 B	0.002	0.440	0.017	0	0	0.002	0.001	---	3
4	---	---	0B	0 B	0.002	0.424	0.007	0	0	0.001	---	---	4
5	---	---	0B	0 B	0.003	0.405	0.004	0	0	0	---	---	5
6	---	---	0B	0 B	0.002	0.372	0.003	0	0	0	---	---	6
7	---	---	0B	0 B	0.002	0.360	0.002	0	0	0	---	---	7
8	---	---	0B	0 B	0.002	0.330	0.001	0	0	0	---	---	8
9	---	---	0B	0 B	0.001	0.207	0.001	0	0	0	---	---	9
10	---	---	0B	0 B	0.001	0.005	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.001	0.003	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.001	0.002	0	0	0	0	---	---	12
13	---	---	0B	0.001B	0.070	0.002	0	0	0	0	---	---	13
14	---	---	0B	0.008B	0.216	0.002	0	0	0	0	---	---	14
15	---	---	0B	0.017B	0.211	0.002	0	0	0	0	---	---	15
16	---	---	0B	0.022B	0.192	0.001	0	0	0	0	---	---	16
17	---	---	0B	0.029B	0.178	0.001	0	0	0	0	---	---	17
18	---	---	0B	0.029B	0.164	0.001	0	0	0	0	---	---	18
19	---	---	0B	0.026B	0.161	0.001	0	0	0	0	---	---	19
20	---	---	0B	0.079B	0.248A	0.001	0	0	0	0	---	---	20
21	---	---	0B	0.028B	0.466E	0.001	0	0	0	0	---	---	21
22	---	---	0B	0.019B	0.469E	0.001	0	0	0	0	---	---	22
23	---	---	0B	0.016B	0.465E	0.003	0	0	0	0	---	---	23
24	---	---	0B	0.011B	0.467E	0.001	0	0	0	0	---	---	24
25	---	---	0B	0.006B	0.464E	0.002	0	0	0	0	---	---	25
26	---	---	0B	0.002	0.463E	0.001	0	0	0	0.008	---	---	26
27	---	---	0B	0.002	0.461E	0.001	0	0	0	0.030	---	---	27
28	---	---	0B	0.001	0.463E	0.001	0	0	0	0.020	---	---	28
29	---		0B	0.001	0.463E	0.001	0	0	0	0.013	---	---	29
30	---		0B	0.001	0.463E	0.001	0	0	0	0.010	---	---	30
31	---		0B		0.462E		0	0		0.008		---	31
TOTAL	---	---	0	0.298	6.566	3.490	0.044	0	0	0.100	---	---	TOTAL
MEAN	---	---	0	0.010	0.212	0.116	0.001	0	0	0.003	---	---	MEAN
MAX	---	---	0	0.079	0.469	0.460	0.017	0	0	0.030	---	---	MAX
MIN	---	---	0	0	0.001	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.063
MAXIMUM DAILY, 0.469E ON MAY 22
MINIMUM DAILY, 0E ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 19 08 N
LONG 109 55 41 W
DRAINAGE AREA, 10 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.80
FEB	---	AUG	0
MAR	0	SEP	0
APR	25.7	OCT	8.64
MAY	567	NOV	---
JUN	302	DEC	---

TOTAL DISCHARGE, 907 dam³

FAHLMAN CREEK NEAR DAVIN - STATION NO. 05JF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.002	0	0	0	0	0	0	---	1
2	---	---	0B	0 B	0.001	0	0	0	0	0	0A	---	2
3	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.002	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0	0	0	0	0	0.001	---	---	8
9	---	---	0B	0 B	0	0	0	0	0	0.001	---	---	9
10	---	---	0B	0 B	0.001	0	0	0	0	0.001	---	---	10
11	---	---	0B	0 B	0.001	0	0	0	0	0.001	---	---	11
12	---	---	0B	0.040B	0	0	0	0	0	0.001	---	---	12
13	---	---	0B	0.100B	0	0	0	0	0	0.001	---	---	13
14	---	---	0B	0.400B	0	0	0	0	0	0.001	---	---	14
15	---	---	0B	2.13 A	0	0	0	0	0	0	---	---	15
16	---	---	0B	1.30 E	0.001	0	0	0	0	0	---	---	16
17	---	---	0B	0.882	0.001	0	0.001	0	0	0.001	---	---	17
18	---	---	0B	0.410	0	0	0	0	0	0.001	---	---	18
19	---	---	0B	0.268	0	0	0	0	0	0.001	---	---	19
20	---	---	0B	0.105	0	0	0	0	0	0.001	---	---	20
21	---	---	0B	0.085	0	0	0	0	0	0.001	---	---	21
22	---	---	0B	0.116	0	0	0.023	0	0	0.001	---	---	22
23	---	---	0B	0.094	0	0	0	0	0	0.001	---	---	23
24	---	---	0B	0.049	0	0	0	0	0	0.001	---	---	24
25	---	---	0B	0.014	0	0	0	0	0	0.001	---	---	25
26	---	---	0B	0.006	0	0	0	0	0	0.001	---	---	26
27	---	---	0B	0.005	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.005	0.002	0	0	0	0.001	0	---	---	28
29	---		0B	0.005	0.002	0	0	0	0	0	---	---	29
30	---		0B	0.003	0.001	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	6.015	0.018	0	0.024	0	0.001	0.017	---	---	TOTAL
MEAN	---	---	0	0.201	0.001	0	0.001	0	0	0.001	---	---	MEAN
MAX	---	---	0	2.13	0.002	0	0.023	0	0.001	0.001	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.025
MAXIMUM DAILY, 2.13A ON APR 15
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 22 10 N
LONG 104 11 38 W
DRAINAGE AREA, 15.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.07
FEB	---	AUG	0
MAR	0	SEP	0.09
APR	520	OCT	1.47
MAY	1.56	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 525 dam³

FIFE LAKE NEAR LISIEUX - STATION NO. 11AE016

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	801.386	801.606	---	---	---	---	---	---	1
2	---	---	---	---	801.388	---	---	---	---	801.263	801.244	---	2
3	---	---	---	---	801.388	---	801.536	---	---	---	---	---	3
4	---	---	---	---	801.388	---	---	---	---	---	---	---	4
5	---	---	---	---	801.388E	---	---	801.464	---	---	---	---	5
6	---	---	---	---	801.388E	---	801.525	---	---	---	801.238	---	6
7	---	---	---	---	801.388E	801.601	---	---	---	---	---	---	7
8	---	---	---	---	801.388	---	---	---	---	---	---	---	8
9	---	---	---	---	801.388	---	---	---	---	801.261	---	---	9
10	---	---	---	---	801.396	---	801.505	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	801.304	---	---	---	11
12	---	---	---	---	---	801.586	---	---	---	---	---	---	12
13	---	---	---	---	---	801.584E	---	---	---	---	801.238	---	13
14	---	---	---	801.196	---	801.581E	---	801.404	---	---	---	---	14
15	---	---	---	801.316	---	801.579	---	---	---	---	---	---	15
16	---	---	---	801.326	---	---	---	---	---	801.261	---	---	16
17	---	---	---	801.336	801.406	---	801.505	801.398	---	---	---	---	17
18	---	---	---	801.356	---	---	---	801.396E	801.267	---	---	---	18
19	---	---	---	801.366	---	801.566	---	801.393	---	---	---	---	19
20	---	---	---	801.366	---	801.565E	---	---	---	---	---	---	20
21	---	---	---	801.369	801.476	801.563E	---	---	---	---	---	---	21
22	---	---	---	801.374	---	801.562	---	---	801.252	---	---	---	22
23	---	---	---	801.378	---	801.559E	---	---	---	801.252	---	---	23
24	---	---	---	801.381E	801.496	801.556E	801.485	---	---	---	---	---	24
25	---	---	---	801.384	---	801.553E	801.490E	---	801.254	---	---	---	25
26	---	---	---	801.385E	---	801.551	801.494	---	---	---	---	---	26
27	---	---	---	801.386	---	801.553E	801.489E	---	---	---	801.236	---	27
28	---	---	---	801.386	---	801.554	801.484	801.345	---	---	---	---	28
29	---		---	801.386E	801.586	---	801.487E	801.342E	---	---	---	---	29
30	---		---	801.386	---	801.547E	801.490E	801.339E	801.260E	801.244	801.236E	---	30
31	---		---		801.608		801.494	801.337		801.244E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 801.608 ON MAY 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 14 22 N
LONG 105 50 55 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FIR RIVER NEAR HUDSON BAY - STATION NO. 05LB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.098B	0 B	0 B	0.090B	5.95	11.1 A	1.10	0.627	0.940	0.764	0.746B	0.083B	1
2	0.095B	0 B	0 B	0.094B	5.31	11.1	1.13	0.654	1.47	0.868	0.604B	0.088B	2
3	0.092B	0 B	0 B	0.098B	4.96	10.4	1.25	0.686	1.74	0.958	0.644B	0.076B	3
4	0.090B	0 B	0 B	0.100B	4.45	8.81	1.17	0.692	1.77	1.12	0.495B	0.154B	4
5	0.088B	0 B	0 B	0.103B	4.18	7.59	1.12	0.690	1.63	1.39	0.274B	0.195B	5
6	0.086B	0 B	0 B	0.108B	3.97	7.26	1.27	0.645	1.58	1.75	0.144B	0.093B	6
7	0.084B	0 B	0.001B	0.113B	3.73	7.43	1.24	0.685	1.47	1.85	0.146B	0.110B	7
8	0.082B	0.001B	0.002B	0.119B	3.26	7.57	1.26	0.922	1.32	1.80	0.141B	0.100B	8
9	0.080B	0.002B	0.001B	0.124B	2.81	6.50	1.71	1.18	1.15	1.72	0.148B	0.184B	9
10	0.078B	0.001B	0 B	0.130B	2.60	5.39	1.58	1.35	0.942	1.66	0.155B	0.081B	10
11	0.075B	0 B	0 B	0.140B	2.81	4.54	1.47	1.21	0.937	1.59	0.143B	0.053B	11
12	0.072B	0 B	0.001B	0.160B	3.02	3.98	1.34	1.08	0.857	1.60	0.114B	0.105B	12
13	0.072B	0 B	0.010B	0.580B	3.02	3.44	1.20	1.19	0.776	1.57	0.120B	0.059B	13
14	0.072B	0 B	0.015B	1.15 B	2.87	3.09	1.07	1.36	0.722	1.57	0.186B	0.050B	14
15	0.030B	0 B	0.020B	2.93 B	3.04	2.89	1.07	1.48	0.684	1.54	0.202B	0.153B	15
16	0.072B	0 B	0.015B	3.44 B	2.94	2.70	1.19	1.41	0.633	1.46	0.201B	0.150B	16
17	0.072B	0 B	0.006B	1.11 B	2.87	2.62	1.55	1.26	0.603	1.42	0.186B	0.112B	17
18	0.072B	0 B	0 B	0.552B	2.84	2.49	1.50	1.16	0.577	1.38	0.165B	0.083B	18
19	0.072B	0 B	0 B	0.536B	2.87	2.34	1.36	1.00	0.598	1.34	0.155B	0.091B	19
20	0.072B	0 B	0 B	0.634B	2.82	2.22	1.37	0.875	0.573	1.31	0.169B	0.062B	20
21	0.030B	0.001B	0.001B	0.707B	2.76	2.11	1.30	0.775	0.521	1.16 B	0.137B	0.097B	21
22	0 B	0.001B	0.001B	0.415B	3.09	1.98	1.36	0.714	0.503	1.01 B	0.125B	0.120B	22
23	0 B	0.001B	0.001B	0.662B	3.85	1.89	1.44	0.640	0.495	1.13 B	0.171B	0.142B	23
24	0 B	0.004	0.010B	2.40 B	3.53	1.88	1.07	0.608	0.487	1.22 B	0.099B	0.092B	24
25	0 B	0.004	0.020B	3.91 B	3.16	1.93	0.917	0.615	0.427	1.07	0.115B	0.070B	25
26	0 B	0.004B	0.015B	5.18 B	2.85	1.87	0.812	0.651	0.408	1.00	0.170B	0.103B	26
27	0 B	0.004B	0.050B	5.26 B	2.57	1.67	0.715	0.702	0.380	1.00	0.115B	0.066B	27
28	0 B	0.001B	0.060B	5.53	2.47	1.51	0.727	0.707	0.456	0.990	0.098B	0.047B	28
29	0 B		0.070B	6.41	4.00E	1.37	0.692	0.678	0.636	0.986	0.090B	0.083B	29
30	0 B		0.080B	6.08	7.00E	1.22	0.643	0.616	0.726	0.872B	0.025B	0.109B	30
31	0 B		0.084B		11.9 E		0.647	0.730		0.732B		0.078B	31
TOTAL	1.584	0.024	0.463	48.865	117.50	130.88	36.273	27.592	26.011	39.830	6.283	3.089	TOTAL
MEAN	0.051	0.001	0.015	1.63	3.79	4.36	1.17	0.890	0.867	1.28	0.209	0.100	MEAN
MAX	0.098	0.004	0.084	6.41	11.9	11.1	1.71	1.48	1.77	1.85	0.746	0.195	MAX
MIN	0	0	0	0.090	2.47	1.22	0.643	0.608	0.380	0.732	0.025	0.047	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.20
MAXIMUM DAILY, 11.9E ON MAY 31
MINIMUM DAILY, 0B ON JAN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 59 N
LONG 102 23 44 W
DRAINAGE AREA, 507 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	137	JUL 3	130
FEB	2.07	AUG 2	388
MAR	40.0	SEP 2	259
APR	4 220	OCT 3	440
MAY	10 200	NOV	543
JUN	11 300	DEC	267

TOTAL DISCHARGE, 37 900 dam³

FISHING LAKE NEAR WADENA - STATION NO. 05NB013

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	528.606	528.578E	528.523E	---	---	---	---	1
2	---	---	---	---	---	528.605E	528.578	528.517E	528.386	---	528.330	---	2
3	---	---	---	---	---	528.605E	528.575E	528.512E	---	---	---	---	3
4	---	---	---	---	---	528.604	528.572E	528.506E	---	---	---	---	4
5	---	---	---	---	---	528.602E	528.569E	528.500	---	---	---	---	5
6	---	---	---	---	---	528.600E	528.567E	528.499E	---	---	---	---	6
7	---	---	---	---	---	528.598E	528.564E	528.497E	---	---	---	---	7
8	---	---	---	---	---	528.596E	528.561E	528.496E	---	---	---	---	8
9	---	---	---	---	---	528.594E	528.558	528.494E	---	---	---	---	9
10	---	---	---	---	---	528.591E	528.558E	528.493	---	---	---	---	10
11	---	---	---	---	---	528.589E	528.557E	---	---	---	---	---	11
12	---	---	---	---	---	528.587E	528.557E	---	---	---	---	---	12
13	---	---	---	---	---	528.585E	528.556E	---	---	---	---	---	13
14	---	---	---	---	---	528.583	528.556E	---	---	---	---	---	14
15	---	---	---	---	---	528.583E	528.555E	---	---	---	---	---	15
16	---	---	---	---	---	528.582E	528.555E	---	---	---	---	---	16
17	---	---	---	---	---	528.582E	528.555E	---	---	---	---	---	17
18	---	---	---	---	528.586	528.582E	528.554E	---	---	---	---	---	18
19	---	---	---	---	528.588E	528.581E	528.554E	---	---	---	---	---	19
20	---	---	---	---	528.589E	528.581E	528.553E	---	---	---	---	---	20
21	---	---	---	---	528.591E	528.581E	528.553E	---	---	---	---	---	21
22	---	---	---	---	528.592E	528.581E	528.552E	---	---	---	---	---	22
23	---	---	---	---	528.594E	528.580E	528.552	---	---	---	---	---	23
24	---	---	---	---	528.595E	528.580E	528.552E	---	---	---	---	---	24
25	---	---	---	---	528.597E	528.580E	528.552E	528.432	---	---	---	---	25
26	---	---	---	---	528.598E	528.579E	528.552E	---	---	---	---	---	26
27	---	---	---	---	528.600E	528.579E	528.552	---	---	---	---	---	27
28	---	---	---	---	528.601E	528.579E	528.546E	---	---	---	---	---	28
29	---		---	---	528.603E	528.578E	528.540E	---	---	---	---	---	29
30	---		---	---	528.604E	528.578	528.535E	---	---	---	---	---	30
31	---		---		528.606		528.529E	---		---		---	31
MEAN	---	---	---	---	---	528.588	528.556	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	528.606	528.578	---	---	---	---	---	MAX
MIN	---	---	---	---	---	528.578	528.529	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 528.606 ON MAY 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 51 41 N
LONG 103 33 48 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FLOWING WELL WEST INFLOW NEAR FLOWING WELL - STATION NO. 05JC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	2.64 B	0	0.274	0	0	0	0	---	---	1
2	---	0B	0 B	0.846B	0	0.142	1.62	0	0	0	---	---	2
3	---	0B	0 B	0.333B	0	0.085	0.190	0	0	0	---	---	3
4	---	0B	0 B	0.185B	0	0.056	0.035	0	0	0	---	---	4
5	---	0B	0 B	0.082B	0	0.037	0.004	0	0	0	---	---	5
6	---	0B	0 B	0.027B	0	0.020	0	0	0	0	---	---	6
7	---	0B	0 B	0.025B	0	0.012	0	0	0	0	---	---	7
8	---	0B	0 B	0.011B	0	0.009	0	0	0	0	---	---	8
9	---	0B	0 B	0.001B	0	0.005	0	0	0	0	---	---	9
10	---	0B	0 B	0.176B	0	0.002	0	0	0	0	---	---	10
11	---	0B	0 B	3.00 B	0	0.001	0	0	0	0	---	---	11
12	---	0B	0 B	7.14 B	0	0	0	0	0	0	---	---	12
13	---	0B	0 B	10.5 B	0	0	0	0	0	0	---	---	13
14	---	0B	0 B	5.11	0	0	0	0	0	0	---	---	14
15	---	0B	0.001B	2.12	0	0	0	0	0	0	---	---	15
16	---	0B	2.90 B	1.12	0	0	0	0	0	0	---	---	16
17	---	0B	0.867B	0.860	0	0	0	0	0	0	---	---	17
18	---	0B	0.490B	0.678	0	0.004	0	0.015	0	0	---	---	18
19	---	0B	0.047B	0.635	0	0.001	0	0.214	0	0	---	---	19
20	---	0B	0.040B	0.591	0	0	0	0.057	0	0	---	---	20
21	---	0B	0.033B	0.408	0	0	0	0.018	0	0	---	---	21
22	---	0B	0.026B	0.210	0	0	0	0.002	0	0	---	---	22
23	---	0B	0.020B	0.157	0.024	0	0	0	0	0	---	---	23
24	---	0B	0.014B	0.077	0.004	0	0	0	0	0	---	---	24
25	---	0B	0.010B	0.029	0	0	0	0	0	0	---	---	25
26	---	0B	0.010B	0.011	0	0	0	0	0	0	---	---	26
27	---	0B	0.010B	0.003	0	0	0	0	0	0	---	---	27
28	---	0B	0.010B	0.001	0.151	0	0	0	0	0	---	---	28
29	---		0.010B	0	0.733	0	0	0	0	0	---	---	29
30	---		1.62 B	0	0.456	0	0	0	0	0	---	---	30
31	---		1.64 B		0.414		0	0		0		---	31
TOTAL	---	0	7.748	36.976	1.782	0.646	1.849	0.306	0	0	---	---	TOTAL
MEAN	---	0	0.250	1.23	0.057	0.022	0.060	0.010	0	0	---	---	MEAN
MAX	---	0	2.99	10.5	0.733	0.274	1.62	0.214	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.201
MAXIMUM DAILY, 10.5B ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
13.0 AT 17:54 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 04 N
LONG 106 56 46 W
DRAINAGE AREA, 87.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	160
FEB	0	AUG	26.4
MAR	669	SEP	0
APR	190	OCT	0
MAY	154	NOV	---
JUN	55.8	DEC	---

TOTAL DISCHARGE, 4 260 dam³

POND DU LAC RIVER AT OUTLET OF BLACK LAKE - STATION NO. 07LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	184E	142	128	124	149	380	403	352	315	336	297	245	1
2	183E	142	127	125	156	384	407	351	315	335	293	243	2
3	182E	140	126	124	163	387	408	351	322	334	291	243	3
4	180E	139	127	124	171	392	402	346	319	334	290	242	4
5	178E	138	127	124	183	394	400	343	318	335	288	241	5
6	176E	138	126	125	192	397	396	342	318	336	287	240	6
7	174E	136	126	124	202	399	391	341	321	335	284	239	7
8	173E	135	126	125	211	403	393	340	319	334	283	239	8
9	172E	134	126	126	221	405	390	339	322	332	281	239	9
10	171E	134	125	126	229	408	394	336	331A	332	280	239	10
11	170A	133	126	126	239	411	390	335	330	330	277	238	11
12	170A	132	125	126	249	413	384	335	328	329	274	237	12
13	169	133	124	126	258	413	384	334	328	328	273	235	13
14	166	132	124	126	267	415	382	333	328	327	272	234	14
15	163	132	124	127	277	417	381	332	333	326	270	235	15
16	162	132	124	127	284	417	375	332	336	328	268	233	16
17	161	131	124	128	290	416	371	331	337	324	266	232	17
18	159	131	124	127	297	416	368	332	338	319	264	231	18
19	157	131	124	127	304	418	366	332	337	318	263	231	19
20	157	131	123	127	310	419	356	328	338	316	261	231	20
21	155	129	123	127	317	421	356	329	340	317	260	229	21
22	154	130	122	128	329	418	359	328	341	318	258	229	22
23	154	129	123	128	336	414	361	326	343	314	255	229	23
24	153	129	124	129	341	411	361	320	343	313	253	228	24
25	152	128	124	130	347	409	358	314	342	312	252	230	25
26	150	128	124	131	352	408	357	316	345	312	250	230	26
27	149	128	124	133	357	407	358	317	341	308	250	227	27
28	147	128	124	134	362	407	354	317	340	309	248	225	28
29	146		123	138	367	406	354	316	338	305	248	224	29
30	145		124	144	371	404	354	315	337	301	246	223	30
31	144		124		375		352	315		300		224	31
TOTAL	5 056	3 725	3 865	3 836	8 506	12 209	11 661	10 278	9 943	9 997	8 082	7 245	TOTAL
MEAN	163	133	125	128	274	407	376	332	331	322	269	234	MEAN
MAX	184	142	128	144	375	421	407	352	345	336	297	245	MAX
MIN	144	128	122	124	149	380	352	314	315	300	246	223	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 259
MAXIMUM DAILY, 421 ON JUN 21
MINIMUM DAILY, 122 ON MAR 22
MAXIMUM INSTANTANEOUS,
423 AT 19:13 CST ON JUN 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 08 50 N
LONG 105 32 20 W
DRAINAGE AREA, 49 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	437 000	JUL	1 010 000
FEB	322 000	AUG	888 000
MAR	334 000	SEP	859 000
APR	331 000	OCT	864 000
MAY	735 000	NOV	698 000
JUN	1 050 000	DEC	626 000

TOTAL DISCHARGE, 8 150 000 dam³

FOSTER RIVER ABOVE CHURCHILL RIVER - STATION NO. 06CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.97A	5.94	5.29	4.93	9.31	48.9	29.9	24.5	26.7	15.8	12.6	10.1	1
2	6.94E	5.87	5.23	4.91	11.1	48.5	29.4	24.8	26.2	15.7	12.4	10.0	2
3	6.90A	5.85	5.26	4.91A	14.4	50.0	29.0	26.4	25.9	15.5	12.2	9.92	3
4	6.92	5.74	5.28	4.89A	20.5	50.0	28.8	25.7	25.3	15.3	12.1	9.79	4
5	6.92	5.66	5.27	4.89	30.1	50.1	28.6	25.9	24.8	15.0	12.1	9.79	5
6	6.86A	5.65	5.25	4.92	41.5	50.3	29.1	26.9	24.2	14.8	12.0	9.75	6
7	6.84	5.65	5.17A	4.93	51.3	49.7	28.2	29.6	23.9	14.9	12.0	9.63	7
8	6.80	5.61	5.10A	4.97	58.9	49.8	28.3	31.0	23.5	15.1	11.9	9.43A	8
9	6.80	5.54	5.16A	5.05	64.5	51.3	28.2	32.3	23.2	15.0	11.8	9.63	9
10	6.78A	5.55	5.15	5.00	68.3	53.1	28.0	33.6	22.8	14.9	11.7	9.51	10
11	6.75	5.54	5.17	4.97	68.7	53.1	27.8	34.9	21.9	14.8	11.5	9.46	11
12	6.76	5.49	5.21	5.01	67.7	54.7	27.3	37.4	21.5	14.7	11.3	9.43	12
13	6.71	5.45	5.14	5.08	65.0	55.3	27.0	38.0	21.3	14.6	11.2	9.57	13
14	6.70	5.48	5.12	5.10	61.7	53.9	26.5	38.8	20.8	14.5	11.2	9.47	14
15	6.59	5.52	5.15	5.06	58.4	52.5	26.4	39.6	20.4	14.4	11.2	9.45	15
16	6.52	5.50	5.14	5.08	54.9	51.6	26.5	40.0	20.3	14.3	11.1	9.44	16
17	6.48	5.51	5.06	5.09	52.4	49.7	25.7	40.4	20.0	14.3	10.9	9.45	17
18	6.47	5.49	5.04	5.11	50.1	47.5	25.4	40.6	19.9	14.0	11.0	9.39	18
19	6.38	5.48	5.04	5.11	47.9	46.1	25.3	40.3	19.3	13.7	10.9	9.33	19
20	6.28	5.48	5.09	5.09	46.5	44.8	24.9	39.4	19.0	13.5	10.9	9.28	20
21	6.21	5.51	5.10	5.11	45.3	42.2	24.8	38.6	18.8	13.5	10.7	9.27	21
22	6.28	5.48	5.11	5.16	44.6	41.1	25.2	37.0	18.6	13.5	10.5	9.14	22
23	6.16	5.35	5.12	5.13	44.3	39.8	24.8	35.7	18.2	13.4	10.5	9.13	23
24	6.15	5.34	5.13	5.23	43.3	37.8	24.7	33.8	17.9	13.4	10.4	9.20	24
25	6.12	5.32	5.06	5.37	42.6	36.7	24.8	32.3	17.8	13.3	10.3	9.18	25
26	6.20	5.20	5.03	5.52	43.5	35.8	24.8	31.0	17.4	13.3	10.2	9.25	26
27	6.22	5.21	5.01	5.81	44.0	34.6	24.8	30.1	17.2	13.2	10.2	9.18	27
28	6.12	5.25	5.05	6.31	44.5	33.3	24.7	29.7	16.8	13.1	10.2	9.14	28
29	6.08		5.01	7.16	45.7	32.1	24.5	28.8	16.6	12.9	10.2	8.97	29
30	6.01		5.07	8.16	46.8	30.9	24.5	28.0	16.1	12.7	10.2	8.97	30
31	5.98		4.96		47.9		24.6	27.3		12.7		9.10	31
TOTAL	201.82	156.62	158.97	159.06	1 435.71	1 374.6	822.5	1 022.4	626.3	439.8	335.4	292.35	TOTAL
MEAN	6.51	5.52	5.13	5.30	46.3	45.8	26.5	33.0	20.9	14.2	11.2	9.43	MEAN
MAX	6.97	5.94	5.29	8.16	68.7	55.3	29.9	40.6	26.7	15.8	12.6	10.1	MAX
MIN	5.98	5.20	4.96	4.89	9.31	30.9	24.5	24.5	16.1	12.7	10.2	8.97	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.2
MAXIMUM DAILY, 68.7 ON MAY 11
MINIMUM DAILY, 4.89A ON APR 4
MAXIMUM INSTANTANEOUS,
69.3 AT 21:42 CST ON MAY 10

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 49 30 N
LONG 105 45 20 W
DRAINAGE AREA, 4 540 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 400	JUL	71 100
FEB	13 400	AUG	88 300
MAR	13 700	SEP	54 100
APR	13 700	OCT	30 000
MAY	126 000	NOV	20 000
JUN	119 000	DEC	25 300

TOTAL DISCHARGE, 607 000 dam³

FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 11AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.030B	21.9 B	8.38	7.94	0.649	1.12	0.104	0.096	---	---	1
2	---	---	0.030B	25.0 B	8.43	6.60	2.31	1.03	0.104	0.056	---	---	2
3	---	---	0.020B	22.9 B	8.36	7.85	1.83	1.13	0.090	0.054	---	---	3
4	---	---	0.020B	18.1 B	8.18	7.77	1.26	0.982	0.087	0.070	---	---	4
5	---	---	0.020B	12.1 B	1.31	7.05	4.76	1.03	0.090	0.044	---	---	5
6	---	---	0.020B	8.03B	0.932	8.30	5.95	1.17	0.080	0.025	---	---	6
7	---	---	0.010B	6.48B	0.782	9.02	6.28	1.11	0.082	0.019	---	---	7
8	---	---	0.010B	4.51B	0.738	9.47	5.67	1.00	0.072	0.012	---	---	8
9	---	---	0.010B	2.99B	0.705	10.0	5.61	0.992	0.072	0.008	---	---	9
10	---	---	0.010B	4.99B	0.773	10.7	6.06	1.00	0.065	0.006	---	---	10
11	---	---	0.010B	15.4 B	0.697	10.9	5.82	0.791	0.056	0.006	---	---	11
12	---	---	0.030B	27.0 B	0.633	10.9	1.87	1.10	0.046	0.005	---	---	12
13	---	---	0.200B	30.1	0.574	10.3	0.818	0.972	0.040	0.003	---	---	13
14	---	---	1.00 B	34.3	0.511	3.81	0.588	0.836	0.037	0.003	---	---	14
15	---	---	2.00 B	35.0	2.85	1.98	0.485	0.873	0.027	0.002	---	---	15
16	---	---	3.50 B	29.7	3.87	1.78	0.560	0.800	0.030	0	---	---	16
17	---	---	5.93 B	23.7	3.07	1.60	0.626	0.818	0.052	0	---	---	17
18	---	---	7.85 B	16.6	2.15	1.31	1.60	0.791	0.077	0.052	---	---	18
19	---	---	8.71 B	17.4	0.982	1.87	0.756	0.809	0.065	0.046	---	---	19
20	---	---	10.8 B	20.5	0.738	0.912	0.511	0.618	0.052	0.023	---	---	20
21	---	---	11.5 B	22.8	0.962	0.845	0.381	0.426	0.072	0.021	---	---	21
22	---	---	5.15 B	24.4	0.893	0.883	0.317	0.323	0.070	0.233	---	---	22
23	---	---	3.50 B	9.33	1.09	0.836	0.281	0.266	0.062	0.932	---	---	23
24	---	---	3.14 B	4.29	1.16	0.764	0.276	0.182	0.058	1.51	---	---	24
25	---	---	3.46 B	5.69	1.16	0.722	0.296	0.124	0.044	1.68	---	---	25
26	---	---	3.21 B	6.48	1.13	0.697	0.323	0.118	0.037	1.52	---	---	26
27	---	---	4.11 B	6.80	1.18	0.649	0.340	0.085	0.033	0.922	---	---	27
28	---	---	7.19 B	7.17	10.3	0.633	1.08	0.082	0.030	0.697	---	---	28
29	---	---	10.3 B	7.45	16.5	0.809	0.818	0.107	0.033	0.334	---	---	29
30	---	---	15.0 B	8.16	21.1	0.713	0.782	0.101	0.025	0.130	---	---	30
31	---	---	18.6 B		16.6		0.800	0.087		0.085		---	31
TOTAL	---	---	125.370	479.27	121.940	137.613	59.707	20.873	1.792	8.594	---	---	TOTAL
MEAN	---	---	4.04	16.0	3.93	4.59	1.93	0.673	0.060	0.277	---	---	MEAN
MAX	---	---	18.6	35.0	21.1	10.9	6.28	1.17	0.104	1.68	---	---	MAX
MIN	---	---	0.010	2.99	0.511	0.633	0.276	0.082	0.025	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.90
MAXIMUM DAILY, 35.0 ON APR 15
MINIMUM DAILY, 0 ON OCT 16
MAXIMUM INSTANTANEOUS,
36.1 AT 10:00 CST ON APR 15

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 00 N
LONG 107 10 10 W
DRAINAGE AREA, 5 510 km²

B - ICE CONDITIONS

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 160
FEB	---	AUG	1 800
MAR	10 800	SEP	155
APR	41 400	OCT	743
MAY	10 500	NOV	---
JUN	11 900	DEC	---

TOTAL DISCHARGE, 82 500 dam³

FRENCHMAN RIVER BELOW EASTEND RESERVOIR - STATION NO. 11AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.280E	0.374B	0.623	5.57	0.395	0.363	0.317	0.367	---	---	1
2	---	---	0.280E	0.420B	1.63	8.09	4.85	0.349	0.290	0.320	---	---	2
3	---	---	0.280E	0.410B	2.49	13.8	11.0	0.324	0.268	0.320	---	---	3
4	---	---	0.280E	0.375B	2.45	13.4	5.81	0.321	0.252	0.342	---	---	4
5	---	---	0.300E	0.615B	2.45	12.8	2.92	0.317	0.239	0.263	---	---	5
6	---	---	0.300E	0.364B	2.14	7.79	1.87	0.311	0.232	0.235	---	---	6
7	---	---	0.300E	0.378B	1.96	2.89	1.08	0.308	0.213	0.241	---	---	7
8	---	---	0.300E	0.388B	1.75	1.86	1.07	0.296	0.202	0.276	---	---	8
9	---	---	0.300E	0.393B	1.60	1.86	1.07	0.296	0.196	0.283	---	---	9
10	---	---	0.310E	0.452B	1.61	1.87	0.888	0.291	0.192	0.311	---	---	10
11	---	---	0.310E	0.971B	1.62	1.87	0.720	0.306	0.191	0.340	---	---	11
12	---	---	0.320E	1.16 B	1.62	1.86	0.715	0.287	0.174	0.306	---	---	12
13	---	---	0.320E	1.09 B	1.61	1.88	0.709	0.264	0.165	0.273	---	---	13
14	---	---	0.330E	4.43 B	1.62	1.87	0.706	0.252	0.153	0.280	---	---	14
15	---	---	0.330E	9.92 B	1.62	0.472	0.521	0.239	0.159	0.292	---	---	15
16	---	---	0.340E	1.82 B	1.29	0.473	0.399	0.222	0.161	0.325	---	---	16
17	---	---	0.340E	0.133B	3.10	0.458	0.388	0.215	0.164	0.324	---	---	17
18	---	---	0.350E	8.52 B	2.76	0.459	0.390	0.212	0.181	0.337	---	---	18
19	---	---	0.350E	14.7 B	2.78	0.458	0.381	0.209	0.209	0.305	---	---	19
20	---	---	0.360E	9.48 B	2.78	0.448	0.378	0.196	0.309	0.308	---	---	20
21	---	---	0.360E	7.31	2.27	0.448	0.378	0.187	0.385	0.330	---	---	21
22	---	0.260E	0.370E	6.43	1.43	0.441	0.386	0.203	0.450	0.367	---	---	22
23	---	0.260E	0.370E	5.92	1.08	0.437	0.385	0.315	0.470	0.404	---	---	23
24	---	0.260E	0.321E	9.94	1.05	0.424	0.384	0.240	0.542	0.425	---	---	24
25	---	0.260E	0.287E	16.5	0.776	0.415	0.382	1.84	0.634	0.455	---	---	25
26	---	0.260E	0.301E	7.38	0.581	0.409	0.385	0.565	0.720	0.286	---	---	26
27	---	0.260E	0.262E	3.17	0.567	0.415	0.391	0.385	0.768	0.742	---	---	27
28	---	0.260E	0.250E	0.691	0.580	0.410	0.390	0.369	0.777	0.325A	---	---	28
29	---		0.341E	0.665	1.52	0.405	0.377	0.357	0.846	0.325E	---	---	29
30	---		0.726E	0.634	2.99	0.392	0.369	0.358	1.83	0.325E	---	---	30
31	---		0.603E		3.75		0.374	0.333		0.325E		---	31
TOTAL	---	---	10.471	115.832	55.097	83.570	48.461	10.730	11.689	10.357	---	---	TOTAL
MEAN	---	---	0.338	3.83	1.78	2.79	1.31	0.346	0.390	0.334	---	---	MEAN
MAX	---	---	0.726	16.5	3.75	13.8	11.0	1.84	1.83	0.742	---	---	MAX
MIN	---	---	0.250	0.133	0.567	0.392	0.369	0.187	0.153	0.235	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 16.5 ON APR 25
MINIMUM DAILY, 0.133B ON APR 17
MAXIMUM INSTANTANEOUS,
20.1 AT 01:30 CST ON APR 25

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 54 N
LONG 108 50 16 W
DRAINAGE AREA, 1 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 500
FEB	---	AUG	927
MAR	985	SEP	1 010
APR	9 940	OCT	895
MAY	4 760	NOV	---
JUN	7 220	DEC	---

TOTAL DISCHARGE, 29 200 dam³

FRENCHMAN RIVER BELOW MENTON LAKE - STATION NO. 11AC062

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.010B	0.172B	8.62	5.02	0.323	0.335	0.256	0.056	---	---	1
2	---	---	0.010B	0.210B	0.390	5.64	1.11	0.348	0.250	0.051	---	---	2
3	---	---	0.010B	0.258B	0.386	7.98	8.02	0.348	0.230	0.044	---	---	3
4	---	---	0.010B	0.311B	0.362	9.93	8.07	0.348	0.232	0.044	---	---	4
5	---	---	0.010B	0.294B	0.355	10.2	7.64	0.342	0.225	0.043	---	---	5
6	---	---	0.010B	0.275B	0.278	12.5	5.77	0.334	0.223	0.040	---	---	6
7	---	---	0.010B	0.266B	0.262	13.1	7.77	0.326	0.227	0.099	---	---	7
8	---	---	0.010B	0.269B	0.264	12.6	7.75	0.328	0.233	0.173	---	---	8
9	---	---	0.010B	0.253B	0.266	12.1	5.56	0.321	0.227	0.186	---	---	9
10	---	---	0.020B	0.254B	0.268	11.4	0.416	0.315	0.240	0.196	---	---	10
11	---	---	0.030B	0.255B	0.212	3.62	0.390	0.318	0.233	0.195	---	---	11
12	---	---	0.040B	0.265B	0.953	0.323	0.383	0.321	0.230	0.192	---	---	12
13	---	---	0.050B	0.307B	2.84	0.315	0.375	0.306	0.230	0.200	---	---	13
14	---	---	0.060B	0.319B	2.80	0.310	0.375	0.303	0.226	0.202	---	---	14
15	---	---	0.060B	16.6	2.79	0.331	0.365	0.295	0.213	0.195	---	---	15
16	---	---	0.060B	37.3	1.25	0.329	0.368	0.295	0.202	0.200	---	---	16
17	---	---	0.067B	41.8	0.244	0.321	0.341	0.293	0.139	0.201	---	---	17
18	---	---	0.071B	39.8	0.238	0.324	0.317	0.286	0.109	0.208	---	---	18
19	---	---	0.092B	12.5	0.235	0.330	0.331	0.284	0.099	0.202	---	---	19
20	---	---	0.093B	0.328	0.202	0.328	0.329	0.283	0.086	1.12	---	---	20
21	---	---	0.096B	0.376	0.196	0.316	0.321	0.277	0.083	2.42	---	---	21
22	---	---	0.090B	0.524	0.199	0.317	0.363	0.275	0.081	2.37	---	---	22
23	---	---	0.092B	3.99	0.190	0.299	0.351	0.269	0.081	2.34	---	---	23
24	---	---	0.097B	6.41	0.152	0.298	0.344	0.257	0.076	0.990	---	---	24
25	---	---	0.110B	7.81	0.159	0.301	0.346	0.252	0.075	0.186	---	---	25
26	---	---	0.121B	8.21	0.161	0.299	0.347	0.271	0.075	0.183	---	---	26
27	---	---	0.123B	10.2	0.168	0.314	0.344	0.278	0.080	0.178	---	---	27
28	---	---	0.121B	10.3	0.173	0.312	0.340	0.273	0.085	0.173A	---	---	28
29	---		0.124B	10.3	0.167	0.312	0.332	0.266	0.077	0.170E	---	---	29
30	---		0.144B	10.2	0.157	0.317	0.332	0.259	0.068	0.170E	---	---	30
31	---		0.152B		2.77		0.334	0.252		0.170E		---	31
TOTAL	---	---	2.011	220.356	27.707	109.876	59.757	9.252	4.891	13.197	---	---	TOTAL
MEAN	---	---	0.065	7.35	0.894	3.66	1.93	0.298	0.163	0.426	---	---	MEAN
MAX	---	---	0.152	41.8	8.62	13.1	8.07	0.348	0.256	2.42	---	---	MAX
MIN	---	---	0.010	0.172	0.152	0.298	0.317	0.252	0.068	0.040	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.82
MAXIMUM DAILY, 41.8 ON APR 17
MINIMUM DAILY, 0.010B ON MAR 1
MAXIMUM INSTANTANEOUS,
42.7 AT 18:09 CST ON APR 16

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 07 N
LONG 107 48 20 W
DRAINAGE AREA, 3 490 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 5	160
FEB	---	AUG	799
MAR	174	SEP	423
APR 19	000	OCT 1	140
MAY 2	390	NOV	---
JUN 9	490	DEC	---

TOTAL DISCHARGE, 38 600 dam³

PROBISHER INDEX RESERVOIR - STATION NO. 05MD006

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	27.870E	28.780E	29.788	29.558	29.242	29.160E	28.834	28.704E	---	---	1
2	---	---	27.870E	28.790E	29.779E	29.548	29.228	29.150	28.826	28.704	---	---	2
3	---	---	27.870E	28.799E	29.764	29.536	29.214	29.138	28.814	28.703E	---	---	3
4	---	---	27.870E	28.802E	29.760	29.528	29.192	29.122	28.802	28.702	---	---	4
5	---	---	27.870E	28.807E	29.738	29.518	29.183E	29.108	28.788	28.702	---	---	5
6	---	---	27.870E	28.815E	29.726	29.508	29.172	29.108	28.790	28.700E	---	---	6
7	---	---	27.870E	28.828E	29.706	29.496	29.158	29.100	28.780	28.698	---	---	7
8	---	---	27.870E	29.108	29.688	29.486	29.156	29.080	28.770	28.706E	---	---	8
9	---	---	27.870E	29.478E	29.689E	29.476	29.156	29.074	28.760	28.716	---	---	9
10	---	---	27.870E	29.700E	29.698	29.466	29.150	29.066	28.748	28.742	---	---	10
11	---	---	27.870E	29.900E	29.692	29.456	29.140E	29.048	28.738	28.750E	---	---	11
12	---	---	27.870E	30.190	29.682	29.446	29.150E	29.030	28.732	28.750E	---	---	12
13	---	---	27.870E	30.188	29.674	29.430E	29.140E	29.018	28.720	28.748	---	---	13
14	---	---	27.870E	30.082E	29.666	29.422	29.138E	28.996	28.712	28.746	---	---	14
15	---	---	27.870E	30.065E	29.658	29.412	29.355E	28.996	28.702	28.742	---	---	15
16	---	---	27.870E	30.046	29.664	29.404	29.338E	28.980	28.692	28.740	---	---	16
17	---	---	27.870E	30.044	29.668	29.392	29.325E	28.972	28.682	28.739E	---	---	17
18	---	---	27.870E	30.040E	25.664	29.380	29.314	28.962	28.672	28.738	---	---	18
19	---	---	27.870E	30.002	29.654	29.360	29.302E	28.952	28.664E	28.736E	---	---	19
20	---	---	27.870E	29.980	29.644	29.349E	29.292	28.940	28.656	28.734	---	---	20
21	---	---	27.870E	29.956	29.636	29.338	29.274	28.935E	28.648	28.730	---	---	21
22	---	---	27.870E	29.934	29.626	29.329E	29.260	28.930E	28.640	28.726	---	---	22
23	---	---	27.870E	29.916	29.614	29.318E	29.252	28.924	28.630	28.724	---	---	23
24	---	---	27.870E	29.894	29.626	29.308	29.248	28.914	28.620	28.719E	---	---	24
25	---	---	27.870E	29.874	29.614	29.296	29.240	28.902	28.610	28.714	---	---	25
26	---	---	27.870E	29.856	29.603	29.284	29.230	28.892	28.600	28.714	---	---	26
27	---	---	28.100E	29.838	29.592	29.272	29.223	28.880	28.670E	28.709E	---	---	27
28	---	---	28.400E	29.824	29.582	29.270E	29.216	28.874	28.702	28.785E	---	---	28
29	---		28.640E	29.812	29.572E	29.266	29.200	28.866	28.706	28.800E	---	---	29
30	---		28.702	29.806	29.564E	29.254	29.186	28.856	28.704	28.790	---	---	30
31	---		28.842		29.568		29.174	28.848		28.785E		---	31
MEAN	---	---	27.978	29.637	29.665	29.483	29.221	28.994	28.716	28.732	---	---	MEAN
MAX	---	---	28.842	30.190	29.788	29.558	29.355	29.160	28.834	28.800	---	---	MAX
MIN	---	---	27.870	28.780	29.564	29.254	29.138	28.848	28.600	28.698	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 30.190 ON APR 12

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 11 47 N
LONG 102 32 36 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GAFF DITCH NEAR MERRYFLAT - STATION NO. 11AB102

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.249	0.005	0.007	0.002	0.002	0.002	---	---	1
2	---	---	0B	0 B	0.302	0.003	0.005	0.043	0.002	0.002	---	---	2
3	---	---	0B	0 B	0.324	0.231	0.004	0.114	0.002	0.002	---	---	3
4	---	---	0B	0 B	0.316	0.336	0.002	0.113	0.002	0.002	---	---	4
5	---	---	0B	0 B	0.268	0.214	0.001	0.105	0.002	0.002	---	---	5
6	---	---	0B	0 B	0.285	0.286	0.001	0.082	0.002	0.002	---	---	6
7	---	---	0B	0 B	0.241	0.551	0.001	0.013	0.003	0.002	---	---	7
8	---	---	0B	0 B	0.242	0.485	0.001	0.012	0.003	0.002	---	---	8
9	---	---	0B	0 B	0.264	0.507	0.001	0.012	0.003	0.002	---	---	9
10	---	---	0B	0 B	0.273	0.512	0.001	0.013	0.003	0.002	---	---	10
11	---	---	0B	0 B	0.273	0.491	0.002	0.011	0.003	0.002	---	---	11
12	---	---	0B	0 B	0.278	0.481	0.002	0.009	0.003	0.002	---	---	12
13	---	---	0B	0 B	0.282	0.474	0.002	0.008	0.003	0.002	---	---	13
14	---	---	0B	0 B	0.275	0.450	0.002	0.002	0.003	0.002	---	---	14
15	---	---	0B	0 B	0.268	0.437	0.001	0.001	0.003	0.002	---	---	15
16	---	---	0B	0 B	0.263	0.469	0.002	0.001	0.003	0.002	---	---	16
17	---	---	0B	0 B	0.440	0.475	0.001	0.001	0.003	0.002	---	---	17
18	---	---	0B	0 B	0.592	0.447	0.003	0.001	0.003	0.002	---	---	18
19	---	---	0B	0 B	0.677	0.192	0.002	0.001	0.003	0.001	---	---	19
20	---	---	0B	0 B	0.689	0.089	0.002	0.001	0.003	0.001	---	---	20
21	---	---	0B	0 B	0.610	0.032	0.002	0.001	0.003	0.001	---	---	21
22	---	---	0B	0 B	0.659	0.011	0.003	0.001	0.003	0.001	---	---	22
23	---	---	0B	0 B	0.572	0.010	0.003	0.002	0.003	0.001	---	---	23
24	---	---	0B	0.150B	0.523	0.005	0.002	0.002	0.003	0.001	---	---	24
25	---	---	0B	0.300B	0.507	0.005	0.002	0.002	0.003	0.001	---	---	25
26	---	---	0B	0.325A	0.569	0.004	0.003	0.002	0.003	0.001	---	---	26
27	---	---	0B	0.324	0.616	0.009	0.002	0.002	0.003	0.001A	---	---	27
28	---	---	0B	0.339	0.689	0.004	0.002	0.002	0.003	0.001E	---	---	28
29	---		0B	0.153	0.564	0.005	0.003	0.002	0.003	0.001E	---	---	29
30	---		0B	0.131	0.020	0.008	0.002	0.002	0.002	0.001E	---	---	30
31	---		0B		0.007		0.002	0.002		0.001E		---	31
TOTAL	---	---	0	1.722	12.097	7.223	0.069	0.565	0.083	0.049	---	---	TOTAL
MEAN	---	---	0	0.057	0.390	0.241	0.002	0.018	0.003	0.002	---	---	MEAN
MAX	---	---	0	0.339	0.689	0.551	0.007	0.114	0.003	0.002	---	---	MAX
MIN	---	---	0	0	0.007	0.003	0.001	0.001	0.002	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.089
MAXIMUM DAILY, 0.689 ON MAY 20
MINIMUM DAILY, 0B ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 05 N
LONG 109 50 07 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.96
FEB	---	AUG	48.8
MAR	0	SEP	7.17
APR	149	OCT	4.23
MAY	1 050	NOV	---
JUN	624	DEC	---

TOTAL DISCHARGE, 1 890 dam³

GAINSBOROUGH CREEK NEAR STORTHOAKS - STATION NO. 05NF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.142	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.145	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.146	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.132	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.118	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.110	0	0	0	0	0	---	---	6
7	---	---	0B	0.008B	0.098	0	0	0	0	0	---	---	7
8	---	---	0B	0.041B	0.084	0	0	0	0	0	---	---	8
9	---	---	0B	0.127B	0.075A	0	0	0	0	0	---	---	9
10	---	---	0B	0.186B	0.070E	0	0	0	0	0	---	---	10
11	---	---	0B	0.462B	0.065E	0	0	0	0	0	---	---	11
12	---	---	0B	3.43 B	0.060E	0	0	0	0	0	---	---	12
13	---	---	0B	3.15 B	0.056E	0	0	0	0	0	---	---	13
14	---	---	0B	1.50 B	0.052E	0	0	0	0	0	---	---	14
15	---	---	0B	0.609B	0.058E	0	0	0	0	0	---	---	15
16	---	---	0B	2.54 B	0.110E	0	0	0	0	0	---	---	16
17	---	---	0B	7.52 B	0.090E	0	0	0	0	0	---	---	17
18	---	---	0B	6.17 B	0.075E	0	0	0	0	0	---	---	18
19	---	---	0B	4.06	0.065E	0	0	0	0	0	---	---	19
20	---	---	0B	2.68	0.056E	0	0	0	0	0	---	---	20
21	---	---	0B	1.82	0.048E	0	0	0	0	0	---	---	21
22	---	---	0B	1.26	0.034E	0	0	0	0	0	---	---	22
23	---	---	0B	0.893	0.025E	0	0	0	0	0	---	---	23
24	---	---	0B	0.591	0.018E	0	0	0	0	0	---	---	24
25	---	---	0B	0.404	0.015A	0	0	0	0	0	---	---	25
26	---	---	0B	0.287	0.010	0	0	0	0	0	---	---	26
27	---	---	0B	0.187	0.005	0	0	0	0	0	---	---	27
28	---	---	0B	0.138	0.001	0	0	0	0	0	---	---	28
29	---		0B	0.135	0	0	0	0	0	0	---	---	29
30	---		0B	0.141	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	38.339	1.957	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.28	0.063	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	7.52	0.146	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.164
MAXIMUM DAILY, 7.52B ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
9.02B AT 13:37 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 51 N
LONG 101 31 36 W
DRAINAGE AREA, 712 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	3 310	OCT	0
MAY	169	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 480 dam³

GAP CREEK BELOW DONNIE LAKE DIVERSION - STATION NO. 05HA069

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 B	0.001	1.07	0.003	0	0	0	---	---	1
2	---	---	0 B	0 B	0.001	3.56	0.003	0	0	0	---	---	2
3	---	---	0 B	0 B	0.001	7.09	0.004	0	0	0	---	---	3
4	---	---	0 B	0.001B	0.002	4.56	0.002	0	0	0	---	---	4
5	---	---	0 B	0.001B	0.002	0.898	0.001	0	0	0	---	---	5
6	---	---	0 B	0.001B	0.069	0.501	0.001	0	0	0	---	---	6
7	---	---	0 B	0.001B	0.135	0.416	0.001	0	0	0	---	---	7
8	---	---	0 B	0.001	0.183	0.362	0.001	0	0	0	---	---	8
9	---	---	0 B	0.001	0.134	0.324	0.001	0	0	0	---	---	9
10	---	---	0 B	0.020	0.136	0.310	0.001	0	0	0	---	---	10
11	---	---	0 B	0.012	0.161	0.308	0	0	0	0	---	---	11
12	---	---	0.002	0.005	0.159	0.292	0	0	0	0	---	---	12
13	---	---	0.001	0.600	0.117	0.282	0	0	0	0	---	---	13
14	---	---	0.001	0.385	0.096	0.281	0	0	0	0	---	---	14
15	---	---	0.001	0.008	0.078	0.274	0	0	0	0	---	---	15
16	---	---	0	0.004	0.074	0.247	0	0	0	0	---	---	16
17	---	---	0	0.004	0.079	0.376	0	0	0	0	---	---	17
18	---	---	0 B	0.003	0.072	0.291	0	0	0	0	---	---	18
19	---	---	0 B	0.003	0.094	0.160	0	0	0	0	---	---	19
20	---	---	0 B	0.002	0.231	0.101	0	0	0	0	---	---	20
21	---	---	0 B	0.002	0.193	0.055	0	0	0	0	---	---	21
22	---	---	0 B	0.002	0.116	0.031	0	0	0	0	---	---	22
23	---	---	0 B	0.003	0.081	0.045	0	0	0	0	---	---	23
24	---	---	0 B	0.003	0.053	0.028	0	0	0	0	---	---	24
25	---	---	0 B	0.003	0.038	0.012	0	0	0	0	---	---	25
26	---	---	0 B	0.003	0.031	0.005	0	0	0	0	---	---	26
27	---	---	0 B	0.002	0.140	0.005	0	0	0	0	---	---	27
28	---	---	0.012B	0.002	0.317	0.004	0	0	0	0	---	---	28
29	---		0.044B	0.002	0.580	0.030	0	0	0	0	---	---	29
30	---		0.004B	0.002	0.299	0.012	0	0	0	0	---	---	30
31	---		0 B		0.408		0	0		0		---	31
TOTAL	---	---	0.065	0.976	4.041	21.930	0.018	0	0	0	---	---	TOTAL
MEAN	---	---	0.002	0.033	0.130	0.731	0.001	0	0	0	---	---	MEAN
MAX	---	---	0.044	0.600	0.580	7.09	0.004	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0.004	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.110
MAXIMUM DAILY, 7.09 ON JUN 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
11.0 AT 01:06 CST ON JUN 4

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 13 N
LONG 109 38 15 W
DRAINAGE AREA, 234 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.56
FEB	---	AUG	0
MAR	5.62	SEP	0
APR	84.3	OCT	0
MAY	349	NOV	---
JUN	1 890	DEC	---

TOTAL DISCHARGE, 2 330 dam³

GARDEN RIVER NEAR HENRIBOURG - STATION NO. 05GG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.770	0	0	0	0	0.048	0.103	---	1
2	---	---	0B	0 B	0.670	0	0	0	0	0.046	0.101	---	2
3	---	---	0B	0 B	0.526	0	0	0	0	0.046	0.096	---	3
4	---	---	0B	0 B	0.416	0.001	0	0	0	0.055	0.094B	---	4
5	---	---	0B	0 B	0.383	0.003	0	0	0	0.057	0.101B	---	5
6	---	---	0B	0 B	0.351	0.005	0	0	0	0.059	0.099B	---	6
7	---	---	0B	0 B	0.327	0	0	0	0	0.062	0.099B	---	7
8	---	---	0B	0 B	0.334	0	0	0	0	0.069	0.098B	---	8
9	---	---	0B	0 B	0.336	0	0	0	0	0.075	---	---	9
10	---	---	0B	0 B	0.299	0	0	0	0.002	0.073	---	---	10
11	---	---	0B	0 B	0.250	0	0	0	0.008	0.079	---	---	11
12	---	---	0B	0.287B	0.248	0	0	0	0.011	0.084	---	---	12
13	---	---	0B	0.563B	0.266	0	0	0	0.008	0.090	---	---	13
14	---	---	0B	0.740B	0.235	0	0	0	0.011	0.094	---	---	14
15	---	---	0B	0.538B	0.204	0	0	0	0.016	0.095	---	---	15
16	---	---	0B	0.406B	0.194	0	0	0	0.020	0.098	---	---	16
17	---	---	0B	0.521B	0.176	0	0	0	0.023	0.109	---	---	17
18	---	---	0B	1.05 B	0.153	0	0	0	0.025	0.121	---	---	18
19	---	---	0B	1.74 B	0.131	0	0	0	0.024	0.117	---	---	19
20	---	---	0B	4.22 B	0.116	0	0	0	0.025	0.108	---	---	20
21	---	---	0B	4.07	0.098	0	0	0	0.026	0.109	---	---	21
22	---	---	0B	5.14	0.076	0	0	0	0.024	0.109	---	---	22
23	---	---	0B	5.95	0.056	0	0	0	0.022	0.111	---	---	23
24	---	---	0B	5.27	0.038	0	0	0	0.021	0.112	---	---	24
25	---	---	0B	4.12	0.022	0	0	0	0.020	0.117	---	---	25
26	---	---	0B	3.15	0.011	0	0	0	0.019	0.121	---	---	26
27	---	---	0B	2.10	0.009	0	0	0	0.019	0.115	---	---	27
28	---	---	0B	1.58	0.006	0	0	0	0.024	0.112	---	---	28
29	---		0B	1.21	0.005	0	0	0	0.033	0.112	---	---	29
30	---		0B	0.915	0.003	0	0	0	0.040	0.108	---	---	30
31	---		0B		0.001		0	0		0.104		---	31
TOTAL	---	---	0	43.570	6.710	0.009	0	0	0.421	2.815	---	---	TOTAL
MEAN	---	---	0	1.45	0.216	0	0	0	0.014	0.091	---	---	MEAN
MAX	---	---	0	5.95	0.770	0.005	0	0	0.040	0.121	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0.046	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.218
MAXIMUM DAILY, 5.95 ON APR 23
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
6.03 AT 14:01 CST ON APR 23

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 23 38 N
LONG 105 36 39 W
DRAINAGE AREA, 903 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	36.4
APR	3 760	OCT	243
MAY	580	NOV	---
JUN	0.78	DEC	---

TOTAL DISCHARGE, 4 620 dam³

GRIKIN RIVER BELOW WHEELER RIVER - STATION NO. 06DA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.0 B	6.04B	5.24B	5.49B	61.2	74.7	62.4	63.9	59.0	48.5	38.8	33.5	1
2	15.3 B	5.96B	5.01B	5.53B	72.7	75.5	60.8	62.9	59.3	47.6	35.6	33.7	2
3	14.8 B	5.83B	4.98B	5.58B	81.1	74.9	60.1	61.7	59.0	47.1	29.5	34.0	3
4	14.2 B	5.67B	5.11B	5.68B	86.3	73.3	60.7	63.4	58.4	46.8	29.7	34.0	4
5	13.6 B	5.46B	5.14B	5.73B	88.3	73.4	60.8	65.0	58.2	46.9	30.4	34.0	5
6	13.1 B	5.42B	5.02B	5.82B	87.3	75.2	60.9	65.1	58.1	46.3	31.9	33.8	6
7	12.5 B	5.40B	5.07B	5.78B	85.5	80.0	62.0	66.3	57.8	45.2	34.0	34.0	7
8	12.3 B	5.46B	5.37B	5.72B	84.2	81.9	62.7	67.8	57.4	44.8	35.7	33.7	8
9	12.0 B	5.73B	5.68B	5.93B	82.8	82.5	62.9	68.8	56.7	44.5	36.8	33.7	9
10	11.8 B	5.76B	5.75B	5.87B	80.0	85.3	62.4	69.0	56.1	44.1	37.5	33.4	10
11	11.0 B	5.59B	5.77B	5.90B	77.8	87.7	62.1	68.3	57.3	44.1	37.4	32.9	11
12	10.6 B	5.73B	5.79B	5.86B	75.9	88.9	61.6	68.5	56.1	44.1	36.4	32.2	12
13	10.4 B	5.84B	5.67B	5.60B	73.9	88.7	61.5	69.1	55.1	44.0	35.4	31.7	13
14	9.98B	5.89B	5.55B	5.54B	72.5	87.4	61.8	69.3	55.7	43.3	34.5	31.7B	14
15	10.0 B	5.79B	5.57B	5.44B	71.8	86.7	61.3	69.0	55.7	42.8	34.3	31.7B	15
16	10.5 B	5.71B	5.46B	5.71B	70.6	84.1	59.9	68.5	54.5	42.2	34.1	31.6B	16
17	10.7 B	5.81B	5.44B	5.79B	69.7	83.0	59.5	68.3	54.3	41.7	33.7	31.9B	17
18	10.2 B	5.29B	5.75B	5.95B	68.8	81.9	59.1	68.7	53.5	41.9	33.5	31.9B	18
19	9.90B	5.35B	5.98B	6.37B	70.0	80.0	59.0	68.2	53.8	42.3	32.9	31.8B	19
20	9.46B	5.07B	6.09B	7.61B	70.7	78.0	58.9	67.5	53.8	41.4	32.8	32.0B	20
21	9.08B	5.00B	6.14B	9.16B	70.7	76.8	57.2	66.4	53.3	40.9	32.6	31.9B	21
22	8.41B	5.27B	5.94B	11.4 B	70.6	75.7	56.2	65.3	52.0	40.8	32.5	31.7B	22
23	8.15B	5.48B	5.66B	15.3 B	70.5	74.5	58.2	64.4	51.6	41.3	32.7	31.7B	23
24	7.81B	5.38B	5.27B	18.7 B	70.8	73.5	59.4	63.4	51.6	41.3	32.2	31.5B	24
25	7.30B	5.44B	5.47B	21.0 B	70.5	71.9	60.5	62.7	51.0	41.1	31.7	31.8B	25
26	6.96B	5.45B	5.42B	23.4 B	69.2	70.1	61.3	61.6	50.1	41.0	31.2	31.8B	26
27	6.95B	5.45B	5.37B	26.4 B	69.6	68.5	61.7	60.8	49.8	40.7	30.9	31.8B	27
28	6.33B	5.48B	5.48B	29.5	72.5	66.8	63.0	60.1	48.8	40.3	31.0	31.7B	28
29	6.33B		5.50B	35.9	74.7	65.2	63.4	60.1	47.2	40.4	32.0	31.9B	29
30	6.39B		5.80B	47.0	75.7	64.3	64.2	59.6	48.0	39.4	33.1	31.9B	30
31	6.17B		5.57B		75.7		63.4	59.2		38.9		31.8B	31
TOTAL	318.22	155.75	171.02	354.66	2 321.6	2 330.4	1 889.0	2 022.9	1 633.2	1 335.7	1 004.8	1 006.8	TOTAL
MEAN	10.3	5.56	5.52	11.8	74.9	77.7	60.9	65.3	54.4	43.1	33.5	32.5	MEAN
MAX	16.0	6.04	6.14	47.0	88.3	88.9	64.2	69.3	59.3	48.5	38.8	34.0	MAX
MIN	6.17	5.00	4.94	5.44	61.2	64.3	56.2	59.2	47.2	38.9	29.5	31.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.8
MAXIMUM DAILY, 88.9 ON JUN 12
MINIMUM DAILY, 4.94B ON MAR 3
MAXIMUM INSTANTANEOUS,
89.4 AT 23:21 CST ON JUN 12

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 35 20 N
LONG 104 12 10 W
DRAINAGE AREA, 7 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 500	JUL	163 000
FEB	13 500	AUG	175 000
MAR	14 800	SEP	141 000
APR	30 600	OCT	115 000
MAY	201 000	NOV	86 800
JUN	201 000	DEC	87 000

TOTAL DISCHARGE, 1 260 000 dam³

GIBSON CREEK NEAR RADVILLE - STATION NO. 05NA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.261	0.151	0	0.011	0	0	---	---	1
2	---	---	0B	0 B	0.185	0.100	0	0.011	0	0	---	---	2
3	---	---	0B	0 B	0.134	0.069	0	0.008	0	0	---	---	3
4	---	---	0B	0 B	0.097	0.045	0	0.002	0	0	---	---	4
5	---	---	0B	0 B	0.075	0.059	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.062	0.047	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.059	0.039	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.054	0.008	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.048	0.001	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.055	0	0	0	0	0	---	---	10
11	---	---	0B	0.314B	0.069	0	0	0	0	0	---	---	11
12	---	---	0B	3.01 B	0.061	0	0	0	0	0	---	---	12
13	---	---	0B	11.1 B	0.025	0	0	0	0	0	---	---	13
14	---	---	0B	17.2 B	0.018	0	0	0	0	0	---	---	14
15	---	---	0B	19.7 B	0.016	0	0.005	0	0	0	---	---	15
16	---	---	0B	12.1 B	0.021	0	0.887	0	0	0	---	---	16
17	---	---	0B	13.7	0.029	0	8.83	0	0	0	---	---	17
18	---	---	0B	13.0	0.028	0	2.68	0	0	0	---	---	18
19	---	---	0B	6.38	0.052	0	0.960	0	0	0	---	---	19
20	---	---	0B	5.25	0.015	0	0.479	0	0	0	---	---	20
21	---	---	0B	5.10	0.021	0	0.256	0	0	0	---	---	21
22	---	---	0B	4.60	0.010	0	0.153	0	0	0	---	---	22
23	---	---	0B	3.44	0.009	0	0.110	0	0	0	---	---	23
24	---	---	0B	2.23	0.009	0	0.090	0	0	0	---	---	24
25	---	---	0B	1.33	0.007	0	0.061	0	0	0	---	---	25
26	---	---	0B	0.787	0.002	0	0.044	0	0	0	---	---	26
27	---	---	0B	0.921	0.003	0	0.041	0	0	0	---	---	27
28	---	---	0B	0.659	0.011	0	0.039	0	0	0	---	---	28
29	---		0B	0.467	0.047	0	0.031	0	0	0	---	---	29
30	---		0B	0.342	0.132	0	0.022	0	0	0	---	---	30
31	---		0B		0.218		0.015	0		0	---	---	31
TOTAL	---	---	0	121.625	1.833	0.519	15.078	0.032	0	0	---	---	TOTAL
MEAN	---	---	0	4.05	0.059	0.017	0.486	0.001	0	0	---	---	MEAN
MAX	---	---	0	19.7	0.261	0.151	8.83	0.011	0	0	---	---	MAX
MIN	---	---	0	0	0.002	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.568
MAXIMUM DAILY, 19.7B ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
26.4B AT 03:29 CST ON APR 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 02 N
LONG 104 20 11 W
DRAINAGE AREA, 528 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 300
FEB	---	AUG	2.76
MAR	0	SEP	0
APR	10 500	OCT	0
MAY	158	NOV	---
JUN	44.8	DEC	---

TOTAL DISCHARGE, 12 000 dam³

GIRARD CREEK NEAR CORONACH - STATION NO. 11AE015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.081B	0.260B	0.192	0.642	---	---	0.082E	0.182	0.122A	---	1
2	---	---	0.104B	0.182B	0.157	0.403	---	---	0.081E	0.191	---	---	2
3	---	---	0.251B	0.120B	0.115	0.281	---	---	0.080E	0.178	---	---	3
4	---	---	0.136B	0.083B	0.155	0.195	---	---	0.079E	0.166	---	---	4
5	---	---	0.131B	0.075B	0.119	0.131	---	---	0.078E	0.156	---	---	5
6	---	---	0.300B	0.071B	0.099	0.080	---	---	0.078E	0.161	---	---	6
7	---	---	0.350B	0.071B	0.092	0.073	---	---	0.077A	0.133	---	---	7
8	---	---	0.310B	0.072B	0.092	0.076	---	---	0.081	0.146	---	---	8
9	---	---	0.289B	0.074B	0.092	0.090	---	---	0.079	0.146	---	---	9
10	---	---	0.187B	0.117B	0.108	0.088E	---	---	0.075	0.132	---	---	10
11	---	---	0.104B	0.566B	0.103	0.086E	---	---	0.073	0.146	---	---	11
12	---	---	0.091B	4.83 B	0.095	0.083E	---	---	0.069	0.138	---	---	12
13	---	---	0.082B	33.3 B	0.094	0.081E	---	---	0.071	0.130	---	---	13
14	---	---	0.082B	42.4 B	0.084	0.080E	---	---	0.070	0.155	---	---	14
15	---	---	0.083B	26.1	0.087	0.080E	---	---	0.071	0.158	---	---	15
16	---	---	0.082B	13.2	0.090	0.082E	---	---	0.070	0.162	---	---	16
17	---	---	0.080B	6.61	0.089	0.083E	---	---	0.069	0.159	---	---	17
18	---	---	0.079B	4.28	0.087	0.086E	---	---	0.070	0.154	---	---	18
19	---	---	0.127B	1.95	0.091	0.092E	---	---	0.070	0.155	---	---	19
20	---	---	0.080B	1.23	0.135	0.103E	---	---	0.071	0.136	---	---	20
21	---	---	0.073B	1.07	0.129	0.107A	---	---	0.070	0.133	---	---	21
22	---	0.089B	0.070B	1.07	0.108	0.109E	---	---	0.069	0.143	---	---	22
23	---	0.092B	0.068B	1.17	0.126	0.110E	---	---	0.068	0.135	---	---	23
24	---	0.091B	0.054B	0.856	0.141	0.112E	---	---	0.079	0.145	---	---	24
25	---	0.091B	0.049B	0.687	0.151	0.118E	---	---	0.103	0.144	---	---	25
26	---	0.080B	0.049B	0.544	0.127	0.120E	---	---	0.141	0.130	---	---	26
27	---	0.083B	0.055B	0.441	0.115	0.150E	0.085A	---	0.149	0.111	---	---	27
28	---	0.089B	0.065B	0.338	0.232	0.610E	---	---	0.164	0.114	---	---	28
29	---		0.138B	0.295	1.30	0.540E	---	---	0.157	0.109	---	---	29
30	---		0.274B	0.208	1.52	0.250E	---	0.083A	0.152	0.107	---	---	30
31	---		0.263B		1.04		---	0.082E		0.107		---	31
TOTAL	---	---	4.227	142.270	7.165	5.181	---	---	2.646	4.462	---	---	TOTAL
MEAN	---	---	0.136	4.74	0.231	0.171	---	---	0.088	0.144	---	---	MEAN
MAX	---	---	0.350	42.4	1.52	0.642	---	---	0.164	0.191	---	---	MAX
MIN	---	---	0.049	0.071	0.084	0.073	---	---	0.068	0.107	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 42.4B ON APR 14

MAXIMUM INSTANTANEOUS, 49.0B AT 01:05 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 45 N
LONG 105 33 52 W
DRAINAGE AREA, 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	365	SEP	229
APR	12 300	OCT	386
MAY	619	NOV	---
JUN	444	DEC	---

GOOD SPIRIT LAKE NEAR CANORA - STATION NO. 05MB010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	484.459	484.471E	484.400E	484.445E	484.344E	484.340E	484.318E	---	1
2	---	---	---	---	484.458E	484.472	484.395E	484.445E	484.353	484.340E	484.322E	---	2
3	---	---	---	---	484.457E	484.472E	484.390E	484.444	484.361	484.341E	484.326	---	3
4	---	---	---	---	484.457E	484.471E	484.385	484.441E	484.366E	484.342E	---	---	4
5	---	---	---	---	484.456E	484.470	484.379E	484.437E	484.372E	484.342E	---	---	5
6	---	---	---	---	484.455E	484.467E	484.373E	484.434	484.377	484.343E	---	---	6
7	---	---	---	---	484.454E	484.464E	484.367E	484.432E	484.375E	484.343E	---	---	7
8	---	---	---	---	484.453E	484.460	484.361	484.430E	484.373	484.344E	---	---	8
9	---	---	---	---	484.453E	484.456E	484.359E	484.428	484.369E	484.344E	---	---	9
10	---	---	---	---	484.452E	484.452E	484.358E	484.423E	484.365E	484.345E	---	---	10
11	---	---	---	---	484.451	484.448E	484.356E	484.417E	484.361E	484.345E	---	---	11
12	---	---	---	---	484.449E	484.444	484.354E	484.412	484.357	484.346	---	---	12
13	---	---	---	---	484.447	484.441E	484.353E	484.434	484.355E	484.342E	---	---	13
14	---	---	---	---	484.453E	484.439E	484.351	484.428E	484.353E	484.339E	---	---	14
15	---	---	---	---	484.459E	484.436E	484.350E	484.423E	484.351E	484.336E	---	---	15
16	---	---	---	---	484.465	484.433E	484.349E	484.418	484.349	484.333E	---	---	16
17	---	---	---	---	484.462E	484.431E	484.348E	484.418E	484.347E	484.329E	---	---	17
18	---	---	---	---	484.459	484.428	484.461	484.418E	484.345E	484.326E	---	---	18
19	---	---	---	---	484.462E	484.425E	484.461E	484.418E	484.343E	484.323E	---	---	19
20	---	---	---	---	484.465	484.423E	484.462E	484.417	484.341	484.320	---	---	20
21	---	---	---	484.441	484.465E	484.421E	484.463E	484.415E	484.337E	484.320E	---	---	21
22	---	---	---	484.443E	484.466E	484.418E	484.464E	484.412E	484.333E	484.320E	---	---	22
23	---	---	---	484.445	484.466E	484.416	484.465	484.409	484.329E	484.320E	---	---	23
24	---	---	---	484.447	484.466E	484.413E	484.464E	484.402E	484.325E	484.320E	---	---	24
25	---	---	---	484.449	484.467	484.410	484.463E	484.395E	484.321	484.320	---	---	25
26	---	---	---	484.451E	484.467E	484.409E	484.462	484.388E	484.325E	484.319E	---	---	26
27	---	---	---	484.453	484.468E	484.408E	484.458E	484.381	484.329E	484.318E	---	---	27
28	---	---	---	484.455	484.469E	484.407E	484.454E	484.370E	484.332E	484.317E	---	---	28
29	---		---	484.456E	484.469E	484.406E	484.450E	484.358E	484.336E	484.316E	---	---	29
30	---		---	484.457	484.470E	484.405	484.446	484.347E	484.339	484.315E	---	---	30
31	---		---		484.470		484.446E	484.335		484.314		---	31
MEAN	---	---	---	---	484.460	484.437	484.408	484.412	484.349	484.331	---	---	MEAN
MAX	---	---	---	---	484.470	484.472	484.465	484.445	484.377	484.346	---	---	MAX
MIN	---	---	---	---	484.447	484.405	484.348	484.335	484.321	484.314	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 484.472 ON JUN 2

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 30 08 N
LONG 102 39 22 W
DATA CONTRIBUTED BY - SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - RECORDS PRIOR TO 1979 COLLECTED IN SW16-29-05-W2

GOOSEHUNTING CREEK NEAR BEATTY - STATION NO. 05KA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	1.15	0.202	0	0	0	0	0B	---	1
2	---	---	0B	0 B	0.959	0.271	0	0	0	0	0B	---	2
3	---	---	0B	0 B	0.765	0.320	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.611	0.534	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.467	0.626	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.354	0.611	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.268	0.526	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.221	0.436	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.189	0.380	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.155	0.319	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.109	0.255	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.062	0.196	0	0	0	0	---	---	12
13	---	---	0B	0 B	0.029	0.139	0	0	0	0	---	---	13
14	---	---	0B	0 B	0.011	0.074	0	0	0	0	---	---	14
15	---	---	0B	0.100B	0.001	0.037	0	0	0	0	---	---	15
16	---	---	0B	1.43 B	0	0.023	0	0	0	0	---	---	16
17	---	---	0B	14.0	0	0.012	0	0	0	0	---	---	17
18	---	---	0B	11.4	0	0.006	0	0	0	0	---	---	18
19	---	---	0B	9.63	0	0.001	0	0	0	0	---	---	19
20	---	---	0B	8.95	0	0	0	0	0	0	---	---	20
21	---	---	0B	6.58	0	0	0	0	0	0	---	---	21
22	---	---	0B	5.71	0	0	0	0	0	0	---	---	22
23	---	---	0B	4.64	0	0	0	0	0	0	---	---	23
24	---	---	0B	3.62	0	0	0	0	0	0	---	---	24
25	---	---	0B	2.99	0	0	0	0	0	0	---	---	25
26	---	---	0B	2.40	0	0	0	0	0	0	---	---	26
27	---	---	0B	2.61	0	0	0	0	0	0	---	---	27
28	---	---	0B	2.21	0	0	0	0	0	0	---	---	28
29	---		0B	1.62	0	0	0	0	0	0	---	---	29
30	---		0B	1.36	0	0	0	0	0	0B	---	---	30
31	---		0B		0.055		0	0		0B	---	---	31
TOTAL	---	---	0	79.250	5.406	4.968	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	2.64	0.174	0.166	0	0	0	0	---	---	MEAN
MAX	---	---	0	14.0	1.15	0.626	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.366
MAXIMUM DAILY, 14.0 ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
15.1 AT 13:09 CST ON APR 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 45 N
LONG 104 51 07 W
DRAINAGE AREA, 515 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	6 850	OCT	0
MAY	467	NOV	---
JUN	429	DEC	---

TOTAL DISCHARGE, 7 750 dam³

GREASE RIVER BELOW FONTAINE LAKE - STATION NO. 07LE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.0B	10.7B	10.5B	10.4B	11.1E	24.5E	41.2	37.0	26.1	27.6A	25.7	24.2	1
2	11.0B	10.7B	10.5B	10.4B	11.2E	25.5E	42.6	36.4	26.1	27.7	25.6	24.1	2
3	11.0B	10.7B	10.5B	10.4B	11.3E	26.5E	43.4	35.7	26.5	27.5E	25.1	24.1	3
4	11.0B	10.7B	10.5B	10.4B	11.3E	27.6E	44.8	34.9	26.8	27.5E	24.8	24.0	4
5	11.0B	10.7B	10.5B	10.4B	11.4E	28.8E	45.0	34.9	26.5	27.7A	24.7	23.9	5
6	11.0B	10.7B	10.5B	10.4B	11.4E	30.0E	44.3	34.8	26.3	27.5	24.9	23.8	6
7	11.0B	10.7B	10.5B	10.4B	11.5E	30.8E	43.9	34.7	26.4	27.6	24.8	23.8	7
8	11.0B	10.7B	10.5B	10.4B	11.5E	31.8E	44.3	34.2	26.5	27.7	24.6	23.6	8
9	11.0B	10.7B	10.5B	10.4B	11.6E	32.8E	44.0	33.8	26.6	27.7	24.5	23.8	9
10	11.0B	10.7B	10.5B	10.4B	11.7E	33.8E	43.8	33.4	27.0	27.5	24.5	23.7	10
11	11.0B	10.7B	10.5B	10.4B	11.8E	34.5E	43.6	33.1	27.7	27.6	24.5	23.5	11
12	11.0B	10.7B	10.5B	10.4B	12.0E	35.5E	43.3	33.1	28.0A	27.6	24.3	23.6	12
13	11.0B	10.7B	10.5B	10.4B	12.2E	36.8E	43.0	32.7	28.0A	27.6	24.1	23.4	13
14	11.0B	10.7B	10.5B	10.4B	12.4E	37.2E	42.7	32.2	27.6A	27.5	24.2	23.4	14
15	11.0B	10.7B	10.5B	10.4B	12.6E	38.0E	42.5	31.9	27.7	27.4	24.1	23.2	15
16	10.9B	10.7B	10.4B	10.5E	12.9E	39.0E	41.8	31.4	27.7	27.1	24.1	23.2	16
17	10.9B	10.7B	10.4B	10.5E	13.2E	40.0E	41.0	31.0	27.8	26.9	23.9	23.2	17
18	10.9B	10.7B	10.4B	10.5E	13.7E	40.8E	40.6	31.1	27.9	26.7	24.1	23.2	18
19	10.9B	10.7B	10.4B	10.5E	14.0E	41.5E	40.8	31.4	27.6	26.7	24.0	23.1	19
20	10.9B	10.7B	10.4B	10.5E	14.3E	42.0E	40.9	31.1	27.7	26.6	24.1	23.0	20
21	10.8B	10.6B	10.4B	10.6E	14.8E	42.4E	40.6	30.8	27.7	26.7	24.2	22.9	21
22	10.8B	10.6B	10.4B	10.6E	15.2E	42.6E	39.9	30.2	27.8	26.5	24.2	22.8	22
23	10.8B	10.6B	10.4B	10.7E	16.0E	43.0E	40.0	30.0	27.6	26.5	24.0	22.8	23
24	10.8B	10.6B	10.4B	10.8E	16.8E	43.5A	39.9	29.1A	27.7	26.5	24.0	22.8	24
25	10.8B	10.6B	10.4B	10.8E	17.6E	43.6A	39.5	28.3A	27.9	26.5	23.9	22.8	25
26	10.8B	10.6B	10.4B	10.8E	18.5E	43.2	39.6	27.6A	28.0A	26.5	23.9	22.8	26
27	10.8B	10.6B	10.4B	10.9E	19.5E	42.7	39.2	27.2	27.9E	26.5	24.0	22.7	27
28	10.8B	10.6B	10.4B	10.9E	20.5E	42.1	38.9	26.9	27.7E	26.3	24.1	22.7	28
29	10.8B		10.4B	11.0E	21.5E	41.6	38.6	26.6	27.7A	26.2	24.2	22.6	29
30	10.8B		10.4B	11.0E	22.5E	41.3	38.2	26.4A	27.7E	26.1	24.2	22.3	30
31	10.8B		10.4B		23.5E		37.6	26.2		25.8		22.3	31
TOTAL	338.3	298.8	323.9	316.6	449.5	1 103.4	1 289.5	978.1	820.2	837.8	731.1	721.3	TOTAL
MEAN	10.9	10.7	10.4	10.6	14.5	36.8	41.6	31.6	27.3	27.0	24.4	23.3	MEAN
MAX	11.0	10.7	10.5	11.0	23.5	43.6	45.0	37.0	28.0	27.7	25.7	24.2	MAX
MIN	10.8	10.6	10.4	10.4	11.1	24.5	37.6	26.2	26.1	25.8	23.9	22.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.5
MAXIMUM DAILY, 45.0 ON JUL 5
MINIMUM DAILY, 10.4B ON MAR 16

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 32 50 N
LONG 106 24 40 W
DRAINAGE AREA, 4 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 200	JUL	111 000
FEB	25 800	AUG	84 500
MAR	28 000	SEP	70 900
APR	27 400	OCT	72 400
MAY	38 800	NOV	63 200
JUN	95 300	DEC	62 300

TOTAL DISCHARGE, 709 000 dam³

GREENLEIGH RESERVOIR NEAR BICKLEIGH - STATION NO. 05HF016

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	643.436	643.478	644.951	644.918	644.780	644.743	644.596	644.506	644.438A	---	1
2	---	---	643.435	643.466	644.945	644.915	644.792	644.752	644.591	644.507	644.438A	---	2
3	---	---	643.434	643.460	644.933	644.911	644.847	644.754	644.588	644.510	---	---	3
4	---	---	643.434	643.458	644.923	644.907	644.870	644.753	644.582	644.509	---	---	4
5	---	---	643.433	643.456	644.913	644.907	644.865	644.749	644.582	644.507	---	---	5
6	---	---	643.432	643.453	644.905	644.899	644.860	644.742	644.583	644.504	---	---	6
7	---	---	643.431	643.451	644.907	644.892	644.855	644.732	644.583	644.503	---	---	7
8	---	---	643.430	643.451	644.899	644.885	644.852	644.725	644.579	644.500	---	---	8
9	---	---	643.429	643.451	644.900	644.885	644.852	644.719	644.574	644.495	---	---	9
10	---	---	643.430	643.450	644.897	644.879	644.846	644.710	644.568	644.494	---	---	10
11	---	---	643.433	643.461	644.893	644.873	644.840	644.705	644.559	644.491	---	---	11
12	---	---	643.448	643.492	644.890	644.867	644.834	644.705	644.551	644.490	---	---	12
13	---	---	643.451	643.572	644.887	644.864	644.830	644.706	644.543	644.487	---	---	13
14	---	---	643.449	643.926	644.884	644.860	644.827	644.701	644.539	644.483	---	---	14
15	---	---	643.447	644.470	644.880	644.860	644.822	644.689	644.534	644.476	---	---	15
16	---	---	643.447	645.236	644.874	644.853	644.817	644.685	644.535	644.476	---	---	16
17	---	---	643.447	645.719	644.880	644.845	644.821	644.673	644.531	644.475	---	---	17
18	---	---	643.452	645.588	644.877	644.839	644.817	644.667	644.527	644.473	---	---	18
19	---	---	643.452	645.366	644.878	644.833	644.813	644.659	644.522	644.472	---	---	19
20	---	---	643.451	645.222	644.885	644.825	644.805	644.652	644.518	644.469	---	---	20
21	---	---	643.450	645.166	644.887	644.818	644.799	644.647	644.515	644.468	---	---	21
22	---	---	643.451	645.137	644.887	644.813	644.795	644.646	644.515	644.467	---	---	22
23	---	---	643.452	645.146	644.881	644.806	644.788	644.638	644.513	644.468	---	---	23
24	---	643.447A	643.452	645.102	644.875	644.797	644.780	644.633	644.510	644.464	---	---	24
25	---	643.442	643.451	645.055	644.870	644.796	644.776	644.628	644.508	644.462	---	---	25
26	---	643.441	643.452	645.030	644.862	644.792	644.772	644.625	644.499	644.462	---	---	26
27	---	643.440	643.450	645.008	644.884	644.788	644.767	644.619	644.493	644.458	---	---	27
28	---	643.438	643.454	644.989	644.877	644.790	644.759	644.614	644.491	644.454	---	---	28
29	---		643.463	644.970	644.902	644.782	644.754	644.608	644.497	644.451	---	---	29
30	---		643.470	644.962	644.919	644.778	644.752	644.605	644.503	644.446	---	---	30
31	---		643.470		644.918		644.747	644.601		644.448		---	31
MEAN	---	---	643.446	644.373	644.896	644.849	644.811	644.680	644.581	644.480	---	---	MEAN
MAX	---	---	643.470	645.719	644.951	644.918	644.870	644.754	644.596	644.510	---	---	MAX
MIN	---	---	643.429	643.450	644.862	644.778	644.747	644.601	644.491	644.444	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 645.719 ON APR 17

MAXIMUM INSTANTANEOUS,
645.794 AT 03:11 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 51 N
LONG 108 27 13 W

A - MANUAL GAUGE

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GREENWATER LAKE NEAR CHELAN - STATION NO. 05LB011

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	532.663E	532.751E	532.717E	532.690E	532.617E	532.583E	532.551E	---	1
2	---	---	---	---	532.663E	532.754	532.715E	532.688	532.614	532.582E	532.550	---	2
3	---	---	---	---	532.665E	532.753E	532.713E	532.687E	532.613E	532.581E	---	---	3
4	---	---	---	---	532.665E	532.752	532.711E	532.687E	532.612E	532.580E	---	---	4
5	---	---	---	---	532.667E	532.753E	532.709E	532.686E	532.611E	532.579	---	---	5
6	---	---	---	---	532.667E	532.754E	532.708	532.686	532.611E	532.577E	---	---	6
7	---	---	---	---	532.669E	532.755	532.708E	532.684E	532.610	532.576E	---	---	7
8	---	---	---	---	532.669E	532.755E	532.708E	532.682E	532.608E	532.574E	---	---	8
9	---	---	---	---	532.669E	532.754E	532.708E	532.679E	532.606E	532.573E	---	---	9
10	---	---	---	---	532.673	532.753	532.709E	532.677	532.604	532.571E	---	---	10
11	---	---	---	---	532.674E	532.753E	532.709E	532.673E	532.603E	532.569E	---	---	11
12	---	---	---	---	532.674E	532.752E	532.709	532.669E	532.602E	532.568E	---	---	12
13	---	---	---	---	532.675E	532.751	532.712E	532.665E	532.601E	532.566E	---	---	13
14	---	---	---	---	532.675E	532.752E	532.715E	532.661E	532.600	532.565	---	---	14
15	---	---	---	---	532.676E	532.754E	532.717E	532.657E	532.599E	532.565E	---	---	15
16	---	---	---	---	532.676E	532.755	532.720E	532.653E	532.598E	532.565E	---	---	16
17	---	---	---	---	532.677	532.751E	532.723	532.649E	532.597E	532.565	---	---	17
18	---	---	---	---	532.680	532.748E	532.721E	532.645E	532.596E	532.563E	---	---	18
19	---	---	---	---	532.685E	532.744E	532.718E	532.641E	532.595E	532.562E	---	---	19
20	---	---	---	---	532.683E	532.740E	532.715E	532.637	532.594E	532.561E	---	---	20
21	---	---	---	---	532.680	532.737	532.713E	532.641E	532.593E	532.560E	---	---	21
22	---	---	---	---	532.680E	532.736E	532.711E	532.645	532.592E	532.559E	---	---	22
23	---	---	---	---	532.680E	532.735E	532.709	532.641E	532.591E	532.558E	---	---	23
24	---	---	---	---	532.680	532.734	532.707E	532.638E	532.590E	532.557E	---	---	24
25	---	---	---	---	532.680	532.731E	532.706	532.634	532.589E	532.556	---	---	25
26	---	---	---	---	532.692E	532.728E	532.704E	532.632E	532.588E	532.555E	---	---	26
27	---	---	---	---	532.703E	532.724	532.702E	532.629E	532.587E	532.555E	---	---	27
28	---	---	---	---	532.714E	532.722E	532.699E	532.627E	532.586E	532.554E	---	---	28
29	---		---	---	532.725E	532.721E	532.697E	532.624E	532.585E	532.553E	---	---	29
30	---		---	---	532.737E	532.719E	532.694E	532.622E	532.584E	532.552E	---	---	30
31	---		---		532.748		532.692	532.619E		532.552E		---	31
MEAN	---	---	---	---	532.683	532.744	532.710	532.656	532.599	532.566	---	---	MEAN
MAX	---	---	---	---	532.748	532.755	532.723	532.690	532.617	532.583	---	---	MAX
MIN	---	---	---	---	532.663	532.719	532.692	532.619	532.584	532.552	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 532.755 ON JUN 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 44 N
LONG 103 31 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GREIG LAKE NEAR DORINTOSH - STATION NO. 06AP010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	475.678E	475.701E	475.726	475.715E	---	---	---	1
2	---	---	---	---	---	475.677	475.709E	475.731	475.716	---	---	---	2
3	---	---	---	---	---	475.676E	475.717E	475.739E	475.715	---	---	---	3
4	---	---	---	---	---	475.675	475.725E	475.747E	475.712E	---	---	---	4
5	---	---	---	---	---	475.679E	475.734E	475.755	475.709	---	---	---	5
6	---	---	---	---	---	475.683E	475.742E	475.753	475.707	---	---	---	6
7	---	---	---	---	---	475.687	475.750E	475.749E	475.707	---	---	---	7
8	---	---	---	---	---	475.688	475.758	475.745	475.703	---	---	---	8
9	---	---	---	---	---	475.689	475.758	475.739	475.701	---	---	---	9
10	---	---	---	---	---	475.684E	475.757	475.741	475.697E	---	---	---	10
11	---	---	---	---	---	475.679	475.760E	475.731	475.694E	---	---	---	11
12	---	---	---	---	---	475.681	475.763	475.731	475.690E	---	---	---	12
13	---	---	---	---	---	475.682	475.761E	475.743	475.687E	---	---	---	13
14	---	---	---	---	---	475.683	475.760E	475.741	475.683	---	---	---	14
15	---	---	---	---	---	475.683E	475.758	475.741E	475.683E	---	---	---	15
16	---	---	---	---	---	475.683	475.757E	475.741	475.683	---	---	---	16
17	---	---	---	---	---	475.691	475.756	475.733	475.689E	---	---	---	17
18	---	---	---	---	---	475.692E	475.754	475.732E	475.694E	---	---	---	18
19	---	---	---	---	---	475.693E	475.753E	475.731	475.700E	---	---	---	19
20	---	---	---	---	---	475.694E	475.752E	475.727	475.705E	---	---	---	20
21	---	---	---	---	---	475.695E	475.75E	475.730E	475.711E	---	---	---	21
22	---	---	---	---	---	475.696E	475.747E	475.733	475.716E	---	---	---	22
23	---	---	---	---	---	475.697E	475.744E	475.733E	475.722E	---	---	---	23
24	---	---	---	---	---	475.698	475.740E	475.733	475.727	---	---	---	24
25	---	---	---	---	---	475.700	475.737E	475.731	475.721E	---	---	---	25
26	---	---	---	---	---	475.704	475.736E	475.726E	475.721E	---	---	---	26
27	---	---	---	---	475.681	475.702	475.730	475.717	475.721E	475.660	---	---	27
28	---	---	---	---	475.680E	475.700	475.730E	475.713	475.721E	---	---	---	28
29	---		---	---	475.680E	475.696	475.730	475.713E	475.721E	---	---	---	29
30	---		---	---	475.679E	475.693	475.728	475.713E	475.721E	---	---	---	30
31	---		---		475.678E		475.727	475.713		---		---	31
MEAN	---	---	---	---	---	475.689	475.743	475.733	475.706	---	---	---	MEAN
MAX	---	---	---	---	---	475.704	475.763	475.755	475.727	---	---	---	MAX
MIN	---	---	---	---	---	475.675	475.701	475.713	475.683	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 475.763 ON JUL 12

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 10 N
LONG 108 41 38 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HAPPYLAND CREEK NEAR FOX VALLEY - STATION NO. 05NB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0.001B	0.001	0	0	0	0	0	---	---	1
2	---	0B	0 B	0.002B	0	0	0	0	0	0	---	---	2
3	---	0B	0 B	0.002B	0	0	0	0	0	0	---	---	3
4	---	0B	0 B	0.001B	0	0	0	0	0	0	---	---	4
5	---	0B	0 B	0.002B	0	0	0	0	0	0	---	---	5
6	---	0B	0 B	0.002B	0	0	0	0	0	0	---	---	6
7	---	0B	0 B	0.004B	0	0	0	0	0	0	---	---	7
8	---	0B	0 B	0.040B	0	0	0	0	0	0	---	---	8
9	---	0B	0.005B	0.082B	0	0	0	0	0	0	---	---	9
10	---	0B	0.010B	0.081	0	0	0	0	0	0	---	---	10
11	---	0B	0.001B	0.075	0	0	0	0	0	0	---	---	11
12	---	0B	0.001B	0.065	0	0	0	0	0	0	---	---	12
13	---	0B	0.001B	0.049	0	0	0	0	0	0	---	---	13
14	---	0B	0.001B	0.036	0	0	0	0	0	0	---	---	14
15	---	0B	0 B	0.018	0	0	0	0	0	0	---	---	15
16	---	0B	0 B	0.014	0	0	0	0	0	0	---	---	16
17	---	0B	0 B	0.012	0	0	0	0	0	0	---	---	17
18	---	0B	0 B	0.009	0	0	0	0	0	0	---	---	18
19	---	0B	0 B	0.005	0	0	0	0	0	0	---	---	19
20	---	0B	0 B	0.005	0	0	0	0	0	0	---	---	20
21	---	0B	0 B	0.031	0	0	0	0	0	0	---	---	21
22	---	0B	0 B	0.018	0	0	0	0	0	0	---	---	22
23	---	0B	0 B	0.010	0	0	0	0	0	0	---	---	23
24	---	0B	0 B	0.003	0	0	0	0	0	0	---	---	24
25	---	0B	0.001B	0.003	0	0	0	0	0	0	---	---	25
26	---	0B	0.001B	0.003	0	0	0	0	0	0	---	---	26
27	---	0B	0.002B	0.002	0	0	0	0	0	0	---	---	27
28	---	0B	0.003B	0.003	0	0	0	0	0	0	---	---	28
29	---		0.003B	0.003	0	0	0	0	0	0	---	---	29
30	---		0.009B	0.001	0	0	0	0	0	0	---	---	30
31	---		0.002B		0		0	0		0		---	31
TOTAL	---	0	0.040	0.582	0.001	0	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.001	0.019	0	0	0	0	0	0	---	---	MEAN
MAX	---	0	0.010	0.082	0.001	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.082B ON APR 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.172B AT 09:06 CST ON APR 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 57 N
LONG 109 32 27 W
DRAINAGE AREA, 54.6 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	3.86	SEP	0
APR	50.3	OCT	0
MAY	0.09	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 53.9 dam³

REMARKS - DATA PREVIOUSLY PUBLISHED UNDER THE NAME "COULEE NEAR FOX VALLEY"

HARRIS RESERVOIR NEAR MAPLE CREEK - STATION NO. 05HA074

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	850.799	851.477	853.043	853.285	855.874	855.589A	855.354	855.271	---	---	1
2	---	---	850.800	851.492	853.050	853.698	855.871	855.565A	855.353	855.270	---	---	2
3	---	---	850.804	851.502	853.052	854.375	855.882	855.539A	855.357	855.269	---	---	3
4	---	---	850.802	851.511	853.042	855.052	855.874	855.525A	855.343	855.265	---	---	4
5	---	---	850.803	851.515	853.040	855.326	855.861	855.522A	855.341	855.266	---	---	5
6	---	---	850.806	851.513	853.052	855.477	855.861	855.518A	855.339	855.267	---	---	6
7	---	---	850.805	851.513	853.058	855.577	855.870	855.519A	855.339	855.247	---	---	7
8	---	---	850.801	851.517	853.048	855.630	855.863	855.519A	855.332	855.240	---	---	8
9	---	---	850.804	851.520	853.029	855.659	855.851	855.505A	855.324	855.238	---	---	9
10	---	---	850.812	851.529	853.015	855.678	855.852	855.500A	855.306	855.239	---	---	10
11	---	850.673A	850.831	851.559	853.009	855.691	855.842	855.478A	855.296	855.238	---	---	11
12	---	850.666	850.857	851.735	853.002	855.742	855.835	855.458A	855.288	855.237	---	---	12
13	---	850.672	850.888	852.053	852.989	855.856	855.832	855.449A	855.272	855.236	---	---	13
14	---	850.671	850.907	852.387	852.982	855.878	855.815	855.452A	855.275	855.237	---	---	14
15	---	850.674	850.924	852.553	852.966	855.887	855.800	855.452A	855.275	855.233	---	---	15
16	---	850.692	850.947	852.616	852.946	855.882	855.783A	855.452A	855.268	855.229	---	---	16
17	---	850.716	850.958	852.667	852.936	855.884	855.795A	855.452A	855.267	855.224	---	---	17
18	---	850.741	850.966	852.701	852.926	855.900	855.792A	855.449A	855.265	855 232	---	---	18
19	---	850.767	850.969	852.725	852.907	855.905	855.792A	855.440	855.264	855.235	---	---	19
20	---	850.803	850.968	852.748	852.893	855.909	855.790A	855.435	855.263	855.234	---	---	20
21	---	850.838	850.965	852.765	852.891	855.909	855.793A	855.426	855.264	855.235	---	---	21
22	---	850.815	850.970	852.784	852.894	855.909	855.785A	855.412	855.261	855.235	---	---	22
23	---	850.817	850.970	852.831	852.878	855.900	855.782A	855.408	855.259	855.232	---	---	23
24	---	850.812	850.969	852.900	852.880	855.897	855.761A	855.406	855.257	855.230	---	---	24
25	---	850.808	850.967	852.966	852.884	855.890	855.739A	855.397	855.247	855.235A	---	---	25
26	---	850.805	850.975	852.997	852.882	855.887	855.716A	855.393	855.245	855.235E	---	---	26
27	---	850.806	850.972	853.005	852.897	855.880	855.702A	855.398	855.249	855.235E	---	---	27
28	---	850.799	850.980	853.011	852.930	855.880	855.684A	855.393	855.252	855.235E	---	---	28
29	---		851.016	853.011	853.036	855.876	855.655A	855.385	855.261	855.235E	---	---	29
30	---		851.273	853.024	853.092	855.879	855.626A	855.387	855.271	855.235E	---	---	30
31	---		851.416		853.143		855.597A	855.381		855.235E		---	31
MEAN	---	---	850.927	852.271	852.980	855.574	855.793	855.458	855.290	855.241	---	---	MEAN
MAX	---	---	851.416	853.024	853.143	855.909	855.882	855.589	855.357	855.271	---	---	MAX
MIN	---	---	850.799	851.477	852.878	853.285	855.597	855.381	855.245	855.224	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 855.909 ON JUN 20

MAXIMUM INSTANTANEOUS,
855.925 AT 16:39 CST ON JUN 20

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 03 N
LONG 109 30 25 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

HAULTAIN RIVER ABOVE NORBERT RIVER - STATION NO. 06BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.27B	3.98B	3.68B	2.89B	19.1B	41.4	22.0	23.5	24.5E	16.1E	12.5 B	9.85B	1
2	6.16B	3.91B	3.40B	2.89B	33.1B	39.8	21.9	23.3	24.0E	15.9E	12.6 B	9.99B	2
3	6.03B	3.71B	3.60B	2.88B	47.1	38.6	22.1	23.8	23.5E	15.7E	9.99B	9.96B	3
4	5.98B	3.56B	3.58B	2.67B	45.1	37.4	22.4	25.3	23.2E	15.5E	11.4 B	10.0 B	4
5	5.76B	3.78B	3.42B	2.44B	47.5	35.9	22.6	26.5	22.8E	15.3E	10.9 B	10.0 B	5
6	5.68B	3.94B	3.42B	2.44B	48.6	36.2	22.1	27.1	22.5E	15.1E	11.1 B	10.0 B	6
7	5.63B	3.82B	3.47B	2.54B	49.2	36.8	21.5	29.1	22.2E	15.0A	11.8 B	10.0 B	7
8	5.30B	3.63B	3.53B	2.64B	49.3	36.3	20.9	31.1	21.8E	14.9	11.6 B	9.85B	8
9	5.02B	3.58B	3.39B	2.84B	48.9	35.9	20.2	32.2	21.5E	14.9	11.6 B	10.3 B	9
10	4.87B	3.78B	3.41B	2.94B	49.4	35.6	19.7	32.6	21.2E	14.8	11.1 B	10.3 B	10
11	4.79B	3.57B	3.48B	2.99B	49.0	34.8	20.2	32.7	21.0E	14.6	9.80B	10.3 B	11
12	4.79B	3.36B	3.52B	3.09B	48.8	34.2	19.6	33.4	20.5E	14.5	10.9 B	10.5 B	12
13	4.77B	3.63B	3.48B	3.31B	48.9	33.6	19.4	33.9	20.3E	14.4	10.1 B	10.3 B	13
14	4.84B	3.32B	3.45B	4.12B	48.4	33.0	19.1	34.1	20.0E	14.4	10.2 B	10.3 B	14
15	4.66B	3.07B	3.56B	4.57B	47.4	32.2	18.6	34.0	19.8E	14.3	10.6 B	10.6 B	15
16	4.28B	3.96B	3.58B	4.73B	46.3	31.8	19.2	33.9	19.6E	14.1	10.8 B	10.4 B	16
17	4.17B	3.28B	3.42B	5.23B	45.5	31.0	20.0	33.9	19.2E	14.0	10.4 B	10.6 B	17
18	4.26B	3.66B	3.32B	6.18B	45.7	30.6	20.2	34.5	19.0E	14.0	10.3 B	10.5 B	18
19	4.73B	3.22B	3.34B	6.94B	46.0	30.2	20.3	33.9	18.7E	14.0	10.1 B	10.4 B	19
20	4.22B	3.25B	3.33B	7.66B	46.1	29.5	20.0	32.8	18.5E	13.6	9.98B	10.3 B	20
21	4.27B	3.58B	3.23B	8.43B	46.0	28.6	19.8	31.8	18.3E	13.3	10.0 B	10.2 B	21
22	3.91B	3.72B	3.22B	8.93B	45.5	28.0	19.4	30.8	18.0E	13.3	10.1 B	9.98B	22
23	4.03B	3.56B	3.20B	8.40B	44.9	27.5	20.5	29.5A	17.8E	13.7	10.4 B	9.84B	23
24	4.07B	3.42B	3.21B	8.30B	43.8	26.6	21.8	28.6E	17.6E	14.0	10.4 B	9.86B	24
25	3.87B	3.32B	3.21B	8.51B	43.2	25.9	22.1	28.0E	17.4E	13.8	10.3 B	9.79B	25
26	3.75B	3.33B	3.08B	9.29B	43.6	25.3	22.2	27.5E	17.1E	13.8	10.2 B	9.89B	26
27	3.65B	3.44B	3.00B	10.3 B	43.8	24.5	22.2	26.8E	16.9E	13.8	10.2 B	9.78B	27
28	3.76B	3.07B	2.92B	12.7 B	43.9	23.7	22.2	26.4E	16.7E	13.7	10.1 B	9.59B	28
29	3.73B		2.89B	14.7 B	44.0	22.9	22.8	25.8E	16.5E	13.6	9.75B	9.34B	29
30	3.75B		2.95B	16.3 B	43.5	22.4	23.2	25.4E	16.3E	11.3	9.75B	9.11B	30
31	3.79B		3.05B		42.8		23.5	24.8E		12.1B		9.05B	31
TOTAL	144.79	100.25	103.38	181.89	1 394.4	950.2	651.7	917.0	596.4	441.3	318.97	310.68	TOTAL
MEAN	4.67	3.58	3.33	6.06	45.0	31.7	21.0	29.6	19.9	14.2	10.6	10.0	MEAN
MAX	6.27	3.98	3.68	16.3	49.4	41.4	23.5	34.5	24.5	16.1	12.6	10.6	MAX
MIN	3.65	3.07	2.89	2.44	19.1	22.4	18.6	23.3	16.3	11.3	9.75	9.05	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.7
MAXIMUM DAILY, 49.4 ON MAY 18
MINIMUM DAILY, 2.44B ON APR 5
MAXIMUM INSTANTANEOUS,
53.6B AT 21:46 CST ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 14 40 N
LONG 106 33 40 W
DRAINAGE AREA, 3 680 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 500	JUL	56 300
FEB	8 660	AUG	79 200
MAR	8 930	SEP	51 500
APR	15 700	OCT	38 100
MAY	120 000	NOV	27 600
JUN	82 100	DEC	26 800

TOTAL DISCHARGE, 537 000 dam³

HAY MEADOW CREEK NEAR LISIEUX - STATION NO. 11AE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.051B	4.60 B	0.067	0.477	0.068	0.040	0.021	0.071	0.040	---	1
2	---	---	0.051B	4.06 B	0.060	0.330	0.058	0.037	0.019	0.075	0.041A	---	2
3	---	---	0.051B	1.82 B	0.056	0.218	0.050	0.034	0.020	0.070	---	---	3
4	---	---	0.051B	0.677B	0.080	0.156	0.043	0.031	0.020	0.059	---	---	4
5	---	---	0.051B	0.355B	0.068	0.149	0.036	0.026	0.021	0.052	---	---	5
6	---	---	0.051B	0.181B	0.063	0.122	0.034	0.022	0.018	0.045	---	---	6
7	---	---	0.051B	0.072B	0.059	0.105	0.036	0.016	0.019	0.041	---	---	7
8	---	---	0.051B	0.044B	0.054	0.090	0.036A	0.015	0.018	0.040	---	---	8
9	---	---	0.100B	0.122B	0.081	0.084	0.035A	0.015	0.016	0.042	---	---	9
10	---	---	0.120B	0.063B	0.203	0.080	0.034	0.014	0.017	0.041	---	---	10
11	---	---	0.200B	2.76 B	0.164	0.074	0.035	0.013	0.019	0.041	---	---	11
12	---	---	0.250B	8.95 B	0.136	0.066	0.032	0.014	0.019	0.040	---	---	12
13	---	---	0.300B	6.46 B	0.100	0.058	0.027	0.014	0.019	0.039	---	---	13
14	---	---	0.400B	6.83 B	0.074	0.055	0.026	0.013	0.019	0.038	---	---	14
15	---	---	5.68 B	2.90	0.062	0.054	0.023	0.014	0.021	0.036	---	---	15
16	---	---	2.42 B	1.38	0.132	0.066	0.032	0.016	0.022	0.035	---	---	16
17	---	---	0.928B	0.770	0.167	0.091	0.042	0.018	0.023	0.033	---	---	17
18	---	---	0.360B	0.521	0.108	0.128	0.051	0.018	0.022	0.037	---	---	18
19	---	---	0.300B	0.363	0.349	0.133	0.056	0.017	0.020	0.039	---	---	19
20	---	---	0.286B	0.350	1.54	0.079	0.061	0.016	0.019	0.039	---	---	20
21	---	---	0.203B	0.281	1.10	0.056	0.052	0.016	0.018	0.042	---	---	21
22	---	0.051B	0.076B	0.266	0.563	0.048	0.040	0.016	0.018	0.048	---	---	22
23	---	0.051B	0.064B	0.278	0.395	0.055	0.035	0.016	0.016	0.051	---	---	23
24	---	0.051B	0.055B	0.242	0.320	0.056	0.029	0.018	0.016	0.054	---	---	24
25	---	0.051B	0.055B	0.198	0.225	0.049	0.026	0.018	0.014	0.053	---	---	25
26	---	0.051B	0.055B	0.178	0.165	0.042	0.030	0.022	0.012	0.052	---	---	26
27	---	0.051B	0.055B	0.134	0.141	0.043	0.113	0.022	0.024	0.052	---	---	27
28	---	0.051B	0.200B	0.104	1.89	0.230	0.196	0.022	0.045	0.048	---	---	28
29	---	---	2.73 B	0.085	3.39	0.726	0.127	0.021	0.055	0.043	---	---	29
30	---	---	5.23 B	0.077	1.70	0.173	0.061A	0.020	0.063	0.040	---	---	30
31	---	---	4.24 B		0.908		0.051	0.022		0.039	---	---	31
TOTAL	---	---	24.715	45.141	14.460	4.893	1.573	0.616	0.673	1.435	---	---	TOTAL
MEAN	---	---	0.797	1.50	0.466	0.136	0.051	0.020	0.022	0.046	---	---	MEAN
MAX	---	---	5.68	8.95	3.39	0.726	0.196	0.040	0.063	0.075	---	---	MAX
MIN	---	---	0.051	0.044	0.054	0.042	0.023	0.013	0.012	0.033	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.378
MAXIMUM DAILY, 8.95B ON APR 12
MINIMUM DAILY, 0.012 ON SEP 26
MAXIMUM INSTANTANEOUS,
10.7B AT 22:20 CST ON APR 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 16 13 N
LONG 105 58 22 W
DRAINAGE AREA, 186 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	136
FEB	---	AUG	53.2
MAR	2 140	SEP	58.1
APR	3 900	OCT	124
MAY	1 250	NOV	---
JUN	354	DEC	---

TOTAL DISCHARGE, 8 020 dam³

HUFF LAKE - STATION NO. 11AC063

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	813.153E	815.761	815.549	815.756	815.766	815.412	814.770	814.881	---	---	1
2	---	---	813.199E	815.678	815.587	815.804	815.875	815.342	814.788	814.903	---	---	2
3	---	---	813.250E	815.541	815.629	815.816	815.833	815.277	814.796	814.923	---	---	3
4	---	---	813.303E	815.351	815.658	815.791	815.617	815.214	814.800	814.954	---	---	4
5	---	---	813.354E	815.179	815.680	815.805	815.677	815.154	814.805	814.981	---	---	5
6	---	---	813.404E	815.218	815.717	815.849	815.889	815.094	814.810	815.011	---	---	6
7	---	---	813.455E	815.284	815.788	815.844	815.888	815.025	814.814	815.041	---	---	7
8	---	---	813.506A	815.338	815.829	815.806	815.799	814.959	814.820	815.066	---	---	8
9	---	---	813.519E	815.380	815.852	815.700	815.755	814.890	814.824	815.087	---	---	9
10	---	---	813.522E	815.415	815.864	815.670	815.785	814.814	814.827	815.106	---	---	10
11	---	---	813.525E	815.539	815.845	815.680	815.803	814.757	814.825	815.122	---	---	11
12	---	---	813.527E	815.761	815.791	815.712	815.806	814.704	814.821	815.142	---	---	12
13	---	---	813.535E	815.899	815.754	815.740	815.807	814.653	814.815	815.159	---	---	13
14	---	---	813.692E	816.012	815.739	815.759	815.806	814.607	814.813	815.169	---	---	14
15	---	---	813.925E	815.696	815.767	815.781	815.801	814.575	814.819	815.176	---	---	15
16	---	---	814.159E	815.677	815.793	815.796	815.806	814.561	814.820	815.191	---	---	16
17	---	---	814.432A	815.374	815.805	815.800	815.810	814.560	814.821	815.210	---	---	17
18	---	---	814.518E	815.227	815.789	815.807	815.812	814.569	814.825	815.233	---	---	18
19	---	---	814.564E	815.256	815.778	815.801	815.808	814.569	814.826	815.246	---	---	19
20	---	---	814.591E	815.323	815.763	815.775	815.802	814.563	814.823	815.247	---	---	20
21	---	---	814.634E	815.535	815.768	815.746	815.793	814.565	814.823	815.253	---	---	21
22	---	---	814.750E	815.802	815.785	815.733	815.787	814.578	814.832	815.258	---	---	22
23	---	---	814.929E	815.844	815.797	815.731	815.777	814.596	814.830	815.261	---	---	23
24	---	812.971A	815.165A	815.820	815.786	815.730	815.760	814.609	814.828	815.267	---	---	24
25	---	812.976E	815.202	815.774	815.771	815.732	815.735	814.621	814.823	815.272	---	---	25
26	---	813.004E	815.232	815.735	815.743	815.737	815.713	814.635	814.820	815.279	---	---	26
27	---	813.055E	815.260	815.805	815.710	815.739	815.678	814.649	814.828	815.286	---	---	27
28	---	813.108E	815.319	815.853	815.706	815.739	815.634	814.663	814.854	815.285A	---	---	28
29	---		815.420	815.677	815.752	815.740	815.579	814.670	814.871	815.288E	---	---	29
30	---		815.587	815.561	815.782	815.745	815.528	814.701	814.875	815.291E	---	---	30
31	---		815.779		815.776		815.475	814.742		815.294E		---	31
MEAN	---	---	814.230	815.577	815.753	815.762	815.755	814.785	814.822	815.157	---	---	MEAN
MAX	---	---	815.779	816.012	815.864	815.849	815.889	815.612	814.875	815.294	---	---	MAX
MIN	---	---	813.153	815.179	815.549	815.670	815.475	814.560	814.770	814.881	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 816.012 ON APR 14

MAXIMUM INSTANTANEOUS,
816.137 AT 09:02 CST ON APR 14

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM
APPLY .864 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

SUMMARY FOR THE YEAR 1982

INTERNATIONAL GARDING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 03 N
LONG 107 53 22 W

A - MANUAL GAUGE
E - ESTIMATED

REGULATED

HUFF LAKE GRAVITY CANAL - STATION NO. 11AC065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0.889	0	0	---	---	1
2	---	---	0	0	0	0	0	0.831	0	0	---	---	2
3	---	---	0	0	0	0.095	0	0.906	0	0	---	---	3
4	---	---	0	0	0	0.200	0	0.875	0	0	---	---	4
5	---	---	0	0	0	0.194	0	0.704	0	0	---	---	5
6	---	---	0	0	0	0.191	0	0.892	0	0	---	---	6
7	---	---	0	0	0	0.281	0	0.715	0	0	---	---	7
8	---	---	0	0	0	0.353	0	0.661	0	0	---	---	8
9	---	---	0	0	0	0.356	0	0.643	0	0	---	---	9
10	---	---	0	0	0	0.567	0	0.624	0	0	---	---	10
11	---	---	0	0	0	0.518	0	0.630	0	0	---	---	11
12	---	---	0	0	0	0.541	0	0.609	0	0	---	---	12
13	---	---	0	0	0	0.471	0	0.526	0	0	---	---	13
14	---	---	0	0	0	0.468	0	0.515	0	0	---	---	14
15	---	---	0	0	0	0.425	0	0.307	0	0	---	---	15
16	---	---	0	0	0	0.095	0	0.234	0	0	---	---	16
17	---	---	0	0	0.447	0	0	0.139	0	0	---	---	17
18	---	---	0	0	1.03	0	0	0.133	0	0	---	---	18
19	---	---	0	0	0.881	0	0	0.132	0	0	---	---	19
20	---	---	0	0	0.988	0	0	0.043	0	0	---	---	20
21	---	---	0	0	1.12	0	0	0	0	0	---	---	21
22	---	---	0	0	1.14	0	0	0	0	0	---	---	22
23	---	---	0	0	1.14	0	0.081	0	0	0	---	---	23
24	---	---	0	0	0.822	0	0.342	0	0	0	---	---	24
25	---	---	0	0	0.707	0	0.349	0	0	0	---	---	25
26	---	---	0	0	0.753	0	0.555	0	0	0	---	---	26
27	---	---	0	0	0.784	0	0.722	0	0	0	---	---	27
28	---	---	0	0	0.657	0	0.766	0	0	0	---	---	28
29	---		0	0	0.114	0	0.595	0	0	0	---	---	29
30	---		0	0	0	0	0.574	0	0	0		---	30
31	---		0		0		0.730	0		0		---	31
TOTAL	---	---	0	0	10.383	4.755	4.714	11.008	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.335	0.159	0.152	0.355	0	0	---	---	MEAN
MAX	---	---	0	0	1.14	0.567	0.766	0.906	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.126
MAXIMUM DAILY, 1.14 ON MAY 22
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 10 N
LONG 107 53 06 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	407
FEB	---	AUG	951
MAR	0	SEP	0
APR	0	OCT	0
MAY	897	NOV	---
JUN	411	DEC	---

TOTAL DISCHARGE, 2 670 dam³

HUFF LAKE PUMPING CANAL - STATION NO. 11AC066

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0.609	0	0	---	---	1
2	---	---	0	0	0	0	0	0.607	0	0	---	---	2
3	---	---	0	0	0	0.135	0	0.688	0	0	---	---	3
4	---	---	0	0	0	0.360	0	0.735	0	0	---	---	4
5	---	---	0	0	0	0.360	0	0.690	0	0	---	---	5
6	---	---	0	0	0	0.361	0	0.730	0	0	---	---	6
7	---	---	0	0	0	0.361	0	0.727	0	0	---	---	7
8	---	---	0	0	0	0.360	0	0.724	0	0	---	---	8
9	---	---	0	0	0	0.357	0	0.722	0	0	---	---	9
10	---	---	0	0	0	0.573	0	0.719	0	0	---	---	10
11	---	---	0	0	0	0.663	0	0.693	0	0	---	---	11
12	---	---	0	0	0	0.664	0	0.641	0	0	---	---	12
13	---	---	0	0	0	0.653	0	0.639	0	0	---	---	13
14	---	---	0	0	0	0.633	0	0.490	0	0	---	---	14
15	---	---	0	0	0	0.359	0	0.342	0	0	---	---	15
16	---	---	0	0	0	0.360	0	0.342	0	0	---	---	16
17	---	---	0	0	0.040	0.360	0	0.342	0	0	---	---	17
18	---	---	0	0	0.387	0.232	0	0.328	0	0	---	---	18
19	---	---	0	0	0.386	0	0	0.342	0	0	---	---	19
20	---	---	0	0	0.386	0	0	0.342	0	0	---	---	20
21	---	---	0	0	0.386	0	0	0.192	0	0	---	---	21
22	---	---	0	0	0.386	0	0	0	0	0	---	---	22
23	---	---	0	0	0.387	0	0.028	0	0	0	---	---	23
24	---	---	0	0	0.638	0	0.224	0	0	0	---	---	24
25	---	---	0	0	0.717	0	0.335	0	0	0	---	---	25
26	---	---	0	0	0.716	0	0.334	0	0	0	---	---	26
27	---	---	0	0	0.716	0	0.334	0	0	0	---	---	27
28	---	---	0	0	0.412	0	0.476	0	0	0	---	---	28
29	---		0	0	0	0	0.616	0	0	0	---	---	29
30	---		0	0	0	0	0.614	0	0	0		---	30
31	---		0		0		0.612	0		0		---	31
TOTAL	---	---	0	0	5.551	6.791	3.573	11.644	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.179	0.226	0.115	0.376	0	0	---	---	MEAN
MAX	---	---	0	0	0.717	0.664	0.616	0.735	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.112
MAXIMUM DAILY, 0.735 ON AUG 4
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 20 N
LONG 107 53 00 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	309
FEB	---	AUG	1 010
MAR	0	SEP	0
APR	0	OCT	0
MAY	488	NOV	---
JUN	587	DEC	---

TOTAL DISCHARGE, 2 390 dam³

HUNTER CREEK NEAR RICHARDSON - STATION NO. 05JF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.079	0.141	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.068	0.135	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.061	0.081	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.067	0.027	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.067	0.010	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.058	0.003	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.044	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.038	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.034	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.034	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.033	0	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.030	0	0	0	0	0	---	---	12
13	---	---	0B	0 B	0.030	0	0	0	0	0	---	---	13
14	---	---	0B	0 B	0.028	0	0	0	0	0	---	---	14
15	---	---	0B	0.040B	0.028	0	0	0	0	0	---	---	15
16	---	---	0B	2.81 B	0.029	0	0	0	0	0	---	---	16
17	---	---	0B	9.25	0.030	0	0	0	0	0	---	---	17
18	---	---	0B	5.59	0.033	0	0	0	0	0	---	---	18
19	---	---	0B	2.90	0.031	0	0	0	0	0	---	---	19
20	---	---	0B	1.28	0.030	0	0	0	0	0	---	---	20
21	---	---	0B	0.817	0.029	0	0	0	0	0	---	---	21
22	---	---	0B	1.10	0.028	0	0	0	0	0	---	---	22
23	---	---	0B	1.03	0.028	0	0	0	0	0	---	---	23
24	---	---	0B	0.654	0.029	0	0	0	0	0	---	---	24
25	---	---	0B	0.414	0.028	0	0	0	0	0	---	---	25
26	---	---	0B	0.224	0.026	0	0	0	0	0	---	---	26
27	---	---	0B	0.173	0.023	0	0	0	0	0	---	---	27
28	---	---	0B	0.326	0.031	0	0	0	0	0	---	---	28
29	---		0B	0.255	0.038	0	0	0	0	0	---	---	29
30	---		0B	0.124	0.190	0	0	0	0	0	---	---	30
31	---		0B		0.169		0	0		0	---	---	31
TOTAL	---	---	0	26.987	1.467	0.397	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.900	0.047	0.013	0	0	0	0	---	---	MEAN
MAX	---	---	0	9.25	0.190	0.141	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.023	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.118
MAXIMUM DAILY, 9.25 ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
10.1 AT 02:53 CST ON APR 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 23 16 N
LONG 104 27 39 W
DRAINAGE AREA, 135 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	2 330	OCT	0
MAY	127	NOV	---
JUN	34.3	DEC	---

TOTAL DISCHARGE, 2 490 dam³

INDIANHEAD CREEK NEAR INDIAN HEAD - STATION NO. 05JL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0	0	0	0	0	0	0	---	1
2	---	---	0B	0 B	0	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0.553	0	0	0	0	0	0	---	---	12
13	---	---	0B	10.3	0	0	0	0	0	0	---	---	13
14	---	---	0B	34.7 A	0	0	0	0	0	0	---	---	14
15	---	---	0B	20.5 A	0	0	0	0	0	0	---	---	15
16	---	---	0B	9.38	0	0	0	0	0	0	---	---	16
17	---	---	0B	4.57	0	0	0.762	0	0	0	---	---	17
18	---	---	0B	2.91	0	0	0.798	0	0	0	---	---	18
19	---	---	0B	1.96	0	0	0.115	0	0	0	---	---	19
20	---	---	0B	1.31	0	0	0.092	0	0	0	---	---	20
21	---	---	0B	0.834	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.608	0	0	1.21	0	0	0	---	---	22
23	---	---	0B	0.580	0	0	1.51	0	0	0	---	---	23
24	---	---	0B	0.412	0	0	0.323	0	0	0	---	---	24
25	---	---	0B	0.269	0	0	0.014	0	0	0	---	---	25
26	---	---	0B	0.130	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.036	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.002	0	0	0	0	0	0	---	---	28
29	---		0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0	---	---	31
TOTAL	---	---	0	89.854	0	0	4.634	0	0	0	---	---	TOTAL
MEAN	---	---	0	2.97	0	0	0.149	0	0	0	---	---	MEAN
MAX	---	---	0	34.7	0	0	1.51	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.382
MAXIMUM DAILY, 34.7A ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
64.2 AT 00:16 CST ON APR 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 42 N
LONG 103 36 16 W
DRAINAGE AREA, 326 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	498
FEB	---	AUG	0
MAR	0	SEP	0
APR	7 690	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 8 090 dam³

INVERNESS CREEK NEAR BRODERICK - STATION NO. 05MG021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0.669B	0	0.001	0	0	0	0	---	---	1
2	---	---	0	B	0.693B	0	0	0	0	0	0	---	---	2
3	---	---	0	B	0.297B	0	0	0	0	0	0	---	---	3
4	---	---	0	B	0.118B	0	0.001	0	0	0	0	---	---	4
5	---	---	0	B	0.158B	0	0.005	0	0	0	0	---	---	5
6	---	---	0	B	0.204B	0	0.001	0	0	0	0	---	---	6
7	---	---	0	B	0.102B	0	0	0	0	0	0	---	---	7
8	---	---	0	B	0.158B	0	0	0	0	0	0	---	---	8
9	---	---	0	B	0.202B	0	0	0	0	0	0	---	---	9
10	---	---	0	B	0.562B	0	0	0	0	0	0	---	---	10
11	---	---	0	B	0.770B	0	0	0	0	0	0	---	---	11
12	---	---	0	B	0.726B	0	0	0	0	0	0	---	---	12
13	---	---	0	B	0.899	B	0	0	0	0	0	---	---	13
14	---	---	0	B	0.447	0	0	0.003	0	0	0	---	---	14
15	---	0B	0.001B		0.247	0	0	0	0	0	0	---	---	15
16	---	0B	0	B	0.157	0	0	0	0	0	0	---	---	16
17	---	0B	0	B	0.107	0	0	0	0	0	0	---	---	17
18	---	0B	0	B	0.069	0	0	0	0	0	0	---	---	18
19	---	0B	0	B	0.041	0	0	0	0	0	0	---	---	19
20	---	0B	0	B	0.036	0	0	0	0	0	0	---	---	20
21	---	0B	0	B	0.013	0	0	0	0.017	0	0	---	---	21
22	---	0B	0	B	0.173	0	0	0	0.060	0	0	---	---	22
23	---	0B	0	B	0.051	0	0	0	0.004	0	0	---	---	23
24	---	0B	0	B	0.014	0	0	0	0.002	0	0	---	---	24
25	---	0B	0	B	0.006	0	0	0	0	0	0	---	---	25
26	---	0B	0.001B		0.004	0	0	0	0	0	0	---	---	26
27	---	0B	0.001B		0.003	0	0	0	0	0	0	---	---	27
28	---	0B	0.140B		0.001	0	0	0	0	0	0	---	---	28
29	---		0.234B		0	0.002	0	0	0	0	0	---	---	29
30	---		0.222		0	0.003	0	0	0	0	0		---	30
31	---		0.937B			0.002		0	0		0			31
TOTAL	---	---	1.540		6.927	0.007	0.008	0.003	0.087	0	0	---	---	TOTAL
MEAN	---	---	0.050		0.231	0	0	0	0.003	0	0	---	---	MEAN
MAX	---	---	0.937		0.899	0.003	0.005	0.003	0.064	0	0	---	---	MAX
MIN	---	---	0		0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.035
MAXIMUM DAILY, 0.937B ON MAR 31
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.25 AT 01:10 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 30 16 N
LONG 106 49 18 W
DRAINAGE AREA, 61.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.26
FEB	---	AUG	7.52
MAR	133	SEP	0
APR	598	OCT	0
MAY	0.60	NOV	---
JUN	0.69	DEC	---

TOTAL DISCHARGE, 740 dam³

IRONSPRING CREEK NEAR MATSON - STATION NO. 05KA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0.100B	0.001	2.34	0.005	0.188	0.030	0	0.032	---	1
2	---	---	0	B	0.070B	0.001	2.25	0.004	0.213	0.016	0	0.023	---	2
3	---	---	0	B	0.050B	0	2.37	0.004	0.228	0.006	0	0.020A	---	3
4	---	---	0	B	0.020B	0	2.21	0.002	0.222	0.003	0	---	---	4
5	---	---	0	B	0.010B	0	2.00	0.003	0.207	0.004	0	---	---	5
6	---	---	0	B	0.005B	0	1.76	0.003	0.203	0.008	0	---	---	6
7	---	---	0	B	0.005B	0	1.50	0.003	0.179	0.010	0	---	---	7
8	---	---	0	B	0.005B	0	1.17	0.002	0.146	0.009	0	---	---	8
9	---	---	0	B	0.005B	0	0.792	0.002	0.125	0.006	0	---	---	9
10	---	---	0	B	0.006B	0	0.561	0.006	0.113	0.004	0	---	---	10
11	---	---	0	B	0.035B	0	0.452	0.008	0.098	0.003	0	---	---	11
12	---	---	0	B	0.534B	0	0.345	0.006	0.093	0.001	0	---	---	12
13	---	---	0	B	1.57 B	0	0.292	0.008	0.082	0	0	---	---	13
14	---	---	0	B	1.86 B	0	0.236	0.009	0.073	0	0	---	---	14
15	---	---	0	B	1.57 B	0	0.183	0.107	0.062	0	0	---	---	15
16	---	---	0	B	1.27 B	0	0.138	0.107	0.053	0	0	---	---	16
17	---	---	0	B	0.690	0	0.079	0.094	0.039	0	0	---	---	17
18	---	---	0	B	0.456	0	0.053	0.119	0.030	0	0	---	---	18
19	---	---	0	B	0.332	0	0.029	0.185	0.022	0	0	---	---	19
20	---	---	0	B	0.198	0	0.017	0.253	0.014	0	0	---	---	20
21	---	---	0	B	0.062	0	0.011	0.390	0.011	0	0	---	---	21
22	---	---	0	B	0.043	0	0.011	0.418	0.011	0	0	---	---	22
23	---	---	0	B	0.025	0	0.018	0.378	0.012	0	0	---	---	23
24	---	---	0	B	0.019	0	0.021	0.314	0.010	0	0	---	---	24
25	---	---	0.038B		0.012	0	0.018	0.261	0.008	0	0	---	---	25
26	---	---	0.050B		0.006	0	0.010	0.223	0.004	0	0.001	---	---	26
27	---	---	0.002B		0.005	0	0.013	0.190	0.002	0	0.042	---	---	27
28	---	---	0.008B		0.004	0.116	0.013	0.159	0	0	0.048	---	---	28
29	---		0.122B		0.003	2.16	0.009	0.152	0	0	0.048	---	---	29
30	---		0.240B		0.002	2.14	0.005	0.140	0	0	0.043	---	---	30
31	---		0.160B			1.84		0.169	0.088		0.045		---	31
TOTAL	---	---	0.626		8.972	6.258	18.986	3.724	2.456	0.188	0.227	---	---	TOTAL
MEAN	---	---	0.020		0.299	0.202	0.630	0.120	0.079	0.003	0.007	---	---	MEAN
MAX	---	---	0.240		1.86	2.16	2.37	0.418	0.228	0.030	0.048	---	---	MAX
MIN	---	---	0		0.002	0	0.005	0.002	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.168
MAXIMUM DAILY, 2.37 ON JUN 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.40B AT 09:05 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 03 25 N
LONG 104 20 56 W
DRAINAGE AREA, 587 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	332
FEB	---	AUG	212
MAR	53.6	SEP	8.64
APR	775	OCT	19.6
MAY	561	NOV	---
JUN	1 630	DEC	---

TOTAL DISCHARGE, 3 560 dam³

ISENAO CREEK NEAR CRAIK - STATION NO. 05JG014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.003B	0.037	0.130	0	0.019	0	0	---	---	1
2	---	---	0 B	0.002B	0.025	0.077	0	0.008	0	0	---	---	2
3	---	---	0 B	0.002B	0.017	0.049	0	0.001	0	0	---	---	3
4	---	---	0 B	0.001B	0.010	0.035	0	0	0	0	---	---	4
5	---	---	0 B	0.001B	0.004	0.025	0	0	0	0	---	---	5
6	---	---	0 B	0 B	0.001	0.019	0	0	0	0	---	---	6
7	---	---	0 B	0 B	0	0.012	0	0	0	0	---	---	7
8	---	---	0 B	0 B	0	0.006	0	0	0	0	---	---	8
9	---	---	0 B	0 B	0	0.001	0	0	0	0	---	---	9
10	---	---	0 B	0.001B	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.050B	0	0	0.039	0	0	0	---	---	11
12	---	---	0 B	3.74 B	0	0	0.073	0	0	0	---	---	12
13	---	---	0 B	6.02 B	0	0	0.050	0	0	0	---	---	13
14	---	---	0 B	8.57 B	0	0	0.036	0	0	0	---	---	14
15	---	---	0 B	6.71	0	0	0.030	0	0	0	---	---	15
16	---	---	0 B	3.35	0	0	0.022	0	0	0	---	---	16
17	---	---	0 B	1.44	0	0	0.019	0	0	0	---	---	17
18	---	---	0 B	0.794	0	0	0.008	0	0	0	---	---	18
19	---	---	0 B	0.610	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.394	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.265	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.212	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.222	0	0	0.029	0	0	0	---	---	23
24	---	---	0 B	0.204	0	0	0.014	0	0	0	---	---	24
25	---	---	0 B	0.157	0	0	0.015	0	0	0	---	---	25
26	---	---	0 B	0.111	0	0	0.097	0	0	0	---	---	26
27	---	---	0 B	0.088	0	0	0.213	0	0	0	---	---	27
28	---	---	0 B	0.074	0	0	0.194	0	0	0	---	---	28
29	---		0.001B	0.055	0	0	0.140	0	0	0	---	---	29
30	---		0.002B	0.040	0	0	0.090	0	0	0	---	---	30
31	---		0.003B		0.113		0.051	0		0		---	31
							0.032	0					
TOTAL	---	---	0.006	33.115	0.287	0.354	1.152	0.028	0	0	---	---	TOTAL
MEAN	---	---	0	1.10	0.007	0.012	0.037	0.001	0	0	---	---	MEAN
MAX	---	---	0.003	8.57	0.113	0.138	0.213	0.019	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.162
MAXIMUM DAILY, 8.57B ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
10.1B AT 16:45 CST ON APR 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 44 N
LONG 105 57 34 W
DRAINAGE AREA, 360 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	99.5
FEB	---	AUG	2.42
MAR	0.52	SEP	0
APR	2 860	OCT	0
MAY	17.9	NOV	---
JUN	30.6	DEC	---

TOTAL DISCHARGE, 3 010 dam³

JACKFISH LAKE NEAR COCHIN - STATION NO. 05EG003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	529.287	---	529.303A	529.323E	529.421	529.477	529.495A	529.448	529.407	529.353	529.341	---	1
2	529.287	---	529.303E	529.324E	529.428	529.480	529.505A	529.449	529.407	529.352	529.337A	---	2
3	529.289	---	529.304E	529.326E	529.435	529.481	529.511	529.460	529.407	529.355	---	---	3
4	529.290	---	529.304E	529.328E	529.443	529.478A	529.517	529.456	529.404	529.360	---	---	4
5	529.290	---	529.305E	529.331E	529.452	529.475	529.507	529.460	529.405	529.363	---	---	5
6	529.288	---	529.305E	529.333E	529.449	529.463	529.504	529.453	529.406	529.372	---	---	6
7	529.288	---	529.306E	529.336E	529.458	529.479	529.514	529.441	529.404	529.364	---	---	7
8	529.287	---	529.306E	529.339E	529.462	529.481A	529.514	529.405	529.405	529.358	---	---	8
9	529.286	---	529.307E	529.342E	529.466	529.480	529.515	529.439	529.404	529.358	---	---	9
10	529.287	---	529.307E	529.346E	529.472	529.478	529.518	529.440	529.395	529.359	---	---	10
11	529.285	---	529.308E	529.350E	529.475	529.480	529.514	529.428	529.392	529.359	---	---	11
12	529.287	---	529.308E	529.360E	529.476	529.479	529.513A	529.421	529.382	529.362	---	---	12
13	529.287	---	529.309E	529.367	529.478	529.482	529.514A	529.417	529.381	529.361	---	---	13
14	529.289	---	529.309E	529.360	529.481	529.482	529.514	529.411	529.380	529.357	---	---	14
15	529.289	---	529.310E	529.360	529.482	529.480	529.515	529.418	529.378	529.359	---	---	15
16	529.289	---	529.310E	529.360	529.482	529.481A	529.509	529.413	529.376	529.357	---	---	16
17	529.290	---	529.311E	529.362	529.487	529.480	529.504	529.415	529.374	529.359	---	---	17
18	529.289	---	529.312E	529.365	529.486	529.474	529.503	529.415	529.364	529.357	---	---	18
19	529.289	---	529.312E	529.378	529.487	529.468	529.495	529.413	529.371	529.353	---	---	19
20	529.290	---	529.313E	529.379	529.493	529.470	529.492	529.416	529.371	529.348	---	---	20
21	529.291	---	549.313E	529.372	529.498	529.471A	529.489	529.414	529.370	529.350	---	---	21
22	529.291A	---	529.314E	529.356	529.495	529.484A	529.487	529.430	529.367	529.351	---	---	22
23	529.291E	---	529.314E	529.371	529.488	529.490A	529.476	529.426	529.368	529.351	---	---	23
24	529.291E	---	529.315E	529.378	529.493	529.502	529.468	529.420	529.364	529.347	---	---	24
25	529.291E	---	529.316E	529.381	529.490	529.502A	529.469	529.418	529.351	529.346	---	---	25
26	529.291E	---	529.316E	529.383	529.481	529.498	529.466	529.412	529.351	529.346	---	---	26
27	529.292E	---	529.316E	529.380	529.479	529.495	529.468	529.409	529.347	529.345	---	---	27
28	529.292E	---	529.317E	529.396	529.471	529.492	529.457	529.406	529.341	529.345	---	---	28
29	529.292E		529.317A	529.404	529.468	529.488	529.460	529.407	529.344	529.347	---	---	29
30	529.292E		529.318E	529.413	529.476	529.488	529.455	529.408	529.354	529.337	---	---	30
31	529.292E		529.320E		529.481		529.451	529.412		529.338		---	31
MEAN	529.289	---	529.311	529.360	529.472	529.482	529.496	529.426	529.379	529.354	---	---	MEAN
MAX	529.292	---	529.320	529.413	529.498	529.502	529.518	529.460	529.407	529.372	---	---	MAX
MIN	529.285	---	529.303	529.323	529.421	529.463	529.451	529.406	529.341	529.337	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 529.518 ON JUL 10

MAXIMUM INSTANTANEOUS,
529.580 AT 15:35 CST ON JUN 21

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET-UP

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 07 02 N
LONG 108 22 54 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

JACKFISH RIVER NEAR PRINCE - STATION NO. 05BG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0B	0	0	0	0	0	0	---	1
2	---	---	0B	0B	0B	0	0	0	0	0	---	---	2
3	---	---	0B	0B	0B	0	0	0	0	0	---	---	3
4	---	---	0B	0B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0B	0	0	0	0	0	0	---	---	7
8	---	---	0B	0B	0	0	0	0	0	0	---	---	8
9	---	---	0B	0B	0	0	0	0	0	0	---	---	9
10	---	---	0B	0B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0B	0	0	0	0	0	0	---	---	12
13	---	---	0B	0B	0	0	0	0	0	0	---	---	13
14	---	---	0B	0B	0	0	0	0	0	0	---	---	14
15	---	---	0B	0B	0	0	0	0	0	0	---	---	15
16	---	---	0B	0B	0	0	0	0	0	0	---	---	16
17	---	---	0B	0B	0	0	0	0	0	0	---	---	17
18	---	---	0B	0B	0	0	0	0	0	0	---	---	18
19	---	---	0B	0B	0	0	0	0	0	1.42	---	---	19
20	---	---	0B	0B	0	0	0	0	0	2.40	---	---	20
21	---	---	0B	0B	0	0	0	0	0	2.39	---	---	21
22	---	---	0B	0B	0	0	0	0	0	1.36	---	---	22
23	---	---	0B	0B	0	0	0	0	0	0	---	---	23
24	---	---	0B	0B	0	0	0	0	0	0	---	---	24
25	---	---	0B	0B	0	0	0	0	0	0	---	---	25
26	---	---	0B	0B	0	0	0	0	0	0	---	---	26
27	---	---	0B	0B	0	0	0	0	0	0	---	---	27
28	---	---	0B	0B	0	0	0	0	0	0	---	---	28
29	---		0B	0B	0	0	0	0	0	0	---	---	29
30	---		0B	0B	0	0	0	0	0	0		---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	7.57	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0.244	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	2.40	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.831
MAXIMUM DAILY, 2.40 ON OCT 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.47 AT 11:00 CST ON OCT 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 01 14 N
LONG 108 21 55 W
DRAINAGE AREA, 3 320 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	654
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 654 dam³

JAN LAKE NEAR THE HANSON LAKE ROAD - STATION NO. 05KG010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	28.806	28.914	28.967	29.098	---	---	---	1
2	---	---	---	---	---	28.806	28.913	28.967	29.102	---	---	---	2
3	---	---	---	---	---	28.816	28.914	28.969	29.097	---	---	---	3
4	---	---	---	---	---	28.810	28.939	28.988	29.097	---	---	---	4
5	---	---	---	---	---	28.811	28.939	28.993	29.117	---	---	---	5
6	---	---	---	---	---	28.825	28.958	28.993	29.097	---	---	---	6
7	---	---	---	---	---	28.855	28.962	29.008	29.097	---	---	---	7
8	---	---	---	---	---	28.855	28.963	29.018	29.105	---	---	---	8
9	---	---	---	---	---	28.857	28.962	29.018	29.107	---	---	---	9
10	---	---	---	---	---	28.881	28.963	29.008	29.097	---	---	---	10
11	---	---	---	---	---	28.866	28.965	28.996	---	---	---	---	11
12	---	---	---	---	---	28.861	28.965	29.008	---	---	---	---	12
13	---	---	---	---	---	28.866	28.965	29.047	---	---	---	---	13
14	---	---	---	---	---	28.882	28.975	29.063	---	---	---	---	14
15	---	---	---	---	---	28.882	28.975	29.089	---	---	---	---	15
16	---	---	---	---	---	28.882	28.979	29.099	---	---	---	---	16
17	---	---	---	---	---	28.902	28.991	29.098	---	---	---	---	17
18	---	---	---	---	---	28.902	28.986	29.089	---	---	---	---	18
19	---	---	---	---	---	28.908	28.976	29.099	---	29.064	---	---	19
20	---	---	---	---	---	28.912	28.986	29.099	---	---	---	---	20
21	---	---	---	---	---	28.968	28.986	29.099	---	---	---	---	21
22	---	---	---	---	---	28.963	28.976	29.109	---	---	---	---	22
23	---	---	---	---	---	28.963	28.976	29.108	---	---	---	---	23
24	---	---	---	---	---	28.948	28.986	29.108	---	---	---	---	24
25	---	---	---	---	---	28.963	28.986	29.108	---	---	---	---	25
26	---	---	---	---	---	28.963	28.986	29.118	---	---	---	---	26
27	---	---	---	---	---	28.963	28.993	29.098	---	---	---	---	27
28	---	---	---	---	---	28.963	28.995	29.078	---	---	---	---	28
29	---		---	---	---	28.963	28.997	29.092	---	---	---	---	29
30	---		---	---	---	28.931	28.997	29.096	---	---	---	---	30
31	---		---		---		28.997	29.108		---		---	31
MEAN	---	---	---	---	---	28.886	28.970	29.056	---	---	---	---	MEAN
MAX	---	---	---	---	---	28.968	28.997	29.118	---	---	---	---	MAX
MIN	---	---	---	---	---	28.806	28.912	28.967	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.118 ON AUG 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 53 36 N
LONG 102 49 37 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

JEWEL CREEK NEAR GOODWATER - STATION NO. 05HB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.088	0.013	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.082	0.011	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.071	0.010	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.059	0.009	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.045	0.011	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.038	0.010	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.031	0.009	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.031	0.008	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.026	0.007	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.026	0.005	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.027	0.005	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.028	0.004	0	0	0	0	---	---	12
13	---	---	0B	0 B	0.024	0.004	0	0	0	0	---	---	13
14	---	---	0B	3.13 B	0.500	0.003	0	0	0	0	---	---	14
15	---	---	0B	7.66 B	0.460	0.003	0	0	0	0	---	---	15
16	---	---	0B	7.31 B	0.210	0.002	0	0	0	0	---	---	16
17	---	---	0B	19.5 B	0.150	0.002	0	0	0	0	---	---	17
18	---	---	0B	31.0 B	0.113	0.001	0	0	0	0	---	---	18
19	---	---	0B	14.6 B	0.083	0.001	0	0	0	0	---	---	19
20	---	---	0B	6.77	0.063	0	0	0	0	0	---	---	20
21	---	---	0B	3.96	0.045	0	0	0	0	0	---	---	21
22	---	---	0B	2.28	0.032	0	0	0	0	0	---	---	22
23	---	---	0B	1.54	0.023	0	0	0	0	0	---	---	23
24	---	---	0B	1.10	0.017	0	0	0	0	0	---	---	24
25	---	---	0B	0.676	0.015	0	0.001	0	0	0	---	---	25
26	---	---	0B	0.435	0.015	0	0.001	0	0	0	---	---	26
27	---	---	0B	0.306	0.013	0	0.002	0	0	0	---	---	27
28	---	---	0B	0.241	0.014	0	0.002	0	0	0	---	---	28
29	---		0B	0.194	0.021	0	0.001	0	0	0	---	---	29
30	---		0B	0.128	0.017	0	0	0	0	0	---	---	30
31	---		0B		0.015		0	0		0		---	31
TOTAL	---	---	0	168.830	2.426	0.118	0.007	0	0	0	---	---	TOTAL
MEAN	---	---	0	5.36	0.078	0.004	0	0	0	0	---	---	MEAN
MAX	---	---	0	31.0	0.500	0.013	0.002	0	0	0	---	---	MAX
MIN	---	---	0	0	0.013	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.422
MAXIMUM DAILY, 31.0B ON APR 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
43.8B AT 03:03 CST ON APR 18

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 10 N
LONG 103 42 42 W
DRAINAGE AREA, 209 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.60
FEB	---	AUG	0
MAR	0	SEP	0
APR	8 710	OCT	0
MAY	210	NOV	---
JUN	10.2	DEC	---

TOTAL DISCHARGE, 8 930 dam³

JUMPING DEER CREEK NEAR LIPTON - STATION NO. 05JK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.020	0.145	0.001	0	0	0.001	0.001	---	1
2	---	---	0B	0 B	0.012	0.097	0.001	0	0	0.001	0.001A	---	2
3	---	---	0B	0 B	0.007	0.063	0.001	0	0	0.001	---	---	3
4	---	---	0B	0 B	0.016	0.042	0.001	0	0	0.001	---	---	4
5	---	---	0B	0 B	0.024	0.033	0.001	0	0	0.001	---	---	5
6	---	---	0B	0 B	0.089	0.034	0.001	0	0	0.001	---	---	6
7	---	---	0B	0 B	0.067	0.029	0.001	0	0	0.001	---	---	7
8	---	---	0B	0 B	0.033	0.017	0.001	0	0	0.001	---	---	8
9	---	---	0B	0 B	0.027	0.022	0	0	0	0.001	---	---	9
10	---	---	0B	0 B	0.032	0.026	0	0	0	0.001	---	---	10
11	---	---	0B	0.300B	0.022	0.029	0	0	0	0.001	---	---	11
12	---	---	0B	2.00 B	0.021	0.029	0	0	0	0.001	---	---	12
13	---	---	0B	3.79 B	0.019	0.018	0	0	0	0.001	---	---	13
14	---	---	0B	2.68 B	0.014	0.012	0	0	0	0.001	---	---	14
15	---	---	0B	2.13 B	0.012	0.009	0	0	0	0.001	---	---	15
16	---	---	0B	2.17	0.014	0.007	0	0	0	0.001	---	---	16
17	---	---	0B	1.44	0.027	0.004	0.011	0	0	0.002	---	---	17
18	---	---	0B	0.949	0.017	0.002	0.002	0	0	0.001	---	---	18
19	---	---	0B	0.600	0.039	0.002	0.001	0	0	0.001	---	---	19
20	---	---	0B	0.424	0.024	0.001	0.001	0	0	0.001	---	---	20
21	---	---	0B	0.333	0.025	0.001	0.001	0	0	0.001	---	---	21
22	---	---	0B	0.291	0.018	0.001	0.004	0	0	0.001	---	---	22
23	---	---	0B	0.249	0.069	0.001	0.003	0	0	0.001	---	---	23
24	---	---	0B	0.240	0.027	0.001	0.002	0	0.001	0.001	---	---	24
25	---	---	0B	0.217	0.021	0.001	0.004	0	0.001	0.001	---	---	25
26	---	---	0B	0.158	0.019	0.001	0.005	0	0.001	0.001	---	---	26
27	---	---	0B	0.152	0.019	0.001	0.003	0	0.001	0.001	---	---	27
28	---	---	0B	0.127	0.034	0.001	0.003	0	0.001	0.002	---	---	28
29	---		0B	0.085	0.131	0.001	0.001	0	0.001	0.001	---	---	29
30	---		0B	0.051	0.196	0.001	0.001	0	0.001	0.001	---	---	30
31	---		0B		0.182		0	0		0.001		---	31
TOTAL	---	---	0	18.386	1.217	0.631	0.050	0	0.007	0.033	---	---	TOTAL
MEAN	---	---	0	0.613	0.039	0.021	0.002	0	0	0.001	---	---	MEAN
MAX	---	---	0	3.79	0.196	0.105	0.011	0	0.001	0.002	---	---	MAX
MIN	---	---	0	0	0.007	0.001	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.083
MAXIMUM DAILY, 3.79B ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.17B AT 20:23 CST ON APR 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 10 N
LONG 103 53 57 W
DRAINAGE AREA, 1 680 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4.32
FEB	---	AUG	0
MAR	0	SEP	0.60
APR	1 590	OCT	2.85
MAY	105	NOV	---
JUN	54.6	DEC	---

TOTAL DISCHARGE, 1 760 dam³

JUNCTION RESERVOIR NEAR MAPLE CREEK - STATION NO. 05HA063

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	753.378	754.089	753.905	754.311	756.279	756.308	755.616	755.549	---	---	1
2	---	---	753.386	754.139	753.797	754.559	756.299	756.299	755.618	755.555	---	---	2
3	---	---	753.388	754.175	753.661	754.903	756.316	756.290	755.617	755.548	---	---	3
4	---	---	753.390	754.201	753.511	755.363	756.316	756.298	755.609	755.547	---	---	4
5	---	---	753.394	754.225	753.350	755.791	756.303	756.309	755.600	755.551	---	---	5
6	---	---	753.394	754.247	753.192	755.956	756.303	756.284	755.604	755.559	---	---	6
7	---	---	753.395	754.259	753.022	756.041	756.312	756.250	755.602	755.554	---	---	7
8	---	---	753.391	754.269	752.853	756.094	756.314	756.215	755.600	755.548	---	---	8
9	---	---	753.391	754.279	752.709	756.133	756.316	756.169	755.598	755.547	---	---	9
10	---	---	753.391	754.285	752.596	756.156	756.317	756.122	755.583	755.547	---	---	10
11	---	---	753.400	754.299	752.608	756.181	756.318	756.077A	755.579	755.550	---	---	11
12	---	753.184A	753.417	754.334	752.624	756.200	756.314	756.020E	755.570	755.548	---	---	12
13	---	753.184	753.429	754.408	752.651	756.226	756.311	755.965E	755.563	755.547	---	---	13
14	---	753.184	753.464	754.512	752.687	756.232	756.312	755.911E	755.562	755.549	---	---	14
15	---	753.185	753.523	754.610	752.724	756.242	756.304	755.855E	755.562	755.555	---	---	15
16	---	753.186	753.573	754.670	752.758	756.250	756.296	755.800E	755.553	755.545	---	---	16
17	---	753.187	753.613	754.696	752.783	756.260	756.308	755.745E	755.557	755.538	---	---	17
18	---	753.193	753.646	754.700	752.808	756.273	756.310	755.691A	755.547	755.542	---	---	18
19	---	753.213	753.687	754.714	752.845	756.283	756.312	755.673	755.547	755.558	---	---	19
20	---	753.233	753.721	754.731	752.892	756.294	756.307	755.671	755.546	755.563	---	---	20
21	---	753.262	753.739	754.738	752.935	756.300	756.305	755.662	755.544	755.567	---	---	21
22	---	753.272	753.751	754.723	752.983	756.299	756.299	755.653	755.537	755.565	---	---	22
23	---	753.288	753.759	754.680	753.012	756.288	756.298	755.649	755.539	755.565	---	---	23
24	---	753.308	753.770	754.537	753.045	756.292	756.297	755.646	755.541	755.568	---	---	24
25	---	753.339	753.781	754.444	753.076	756.290	756.291	755.641	755.528	755.577A	---	---	25
26	---	753.363	753.793	754.345	753.102	756.289	756.292	755.637	755.521	755.577E	---	---	26
27	---	753.378	753.801	754.259	753.158	756.284	756.303	755.639	755.519	755.577E	---	---	27
28	---	753.375	753.824	754.176	753.239	756.277	756.311	755.634	755.520	755.577E	---	---	28
29	---		753.863	754.084	753.435	756.275	756.323	755.632	755.526	755.577E	---	---	29
30	---		753.922	754.004	753.720	756.283	756.326	755.631	755.545	755.577E	---	---	30
31	---		754.009		754.068		756.318	755.625		755.577E		---	31
MEAN	---	---	753.593	754.393	753.089	756.021	756.307	755.903	755.565	755.558	---	---	MEAN
MAX	---	---	754.009	754.738	754.068	756.300	756.326	756.309	755.618	755.577	---	---	MAX
MIN	---	---	753.378	754.004	752.596	754.311	756.279	755.625	755.519	755.538	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 756.326 ON JUL 30
MINIMUM DAILY, 752.596 ON MAY 10
MAXIMUM INSTANTANEOUS,
756.330 AT 21:25 CST ON JUL 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 10 N
LONG 109 31 05 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY -10.415 m ADJUSTMENT TO CONVERT TO RECLAMATION SERVICE OF CANADA DATUM

KATEPWA LAKE AT KATEPWA BEACH - STATION NO. 05JL004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	478.306	478.268	478.256	478.278	478.509	478.521	478.246	478.274	478.288	478.266	478.206	478.397	1
2	478.308	478.265	478.255	478.284	478.528	478.519	478.252	478.277	478.291	478.269	478.228	478.400	2
3	478.306	478.267	478.256	478.287	478.543	478.506	478.254	478.277	478.293	478.270	478.250	478.4[illegible]	3
4	478.306	478.266	478.256	478.288	478.556	478.504	478.251	478.279	478.291	478.265	478.272	478.412	4
5	478.304	478.266	478.255	478.289	478.565	478.496	478.253	478.280	478.289	478.212	478.291	478.410	5
6	478.301	478.265	478.256	478.293	478.577	478.485	478.250	478.281	478.291	478.170	478.318	478.407	6
7	478.300	478.264	478.257	478.296	478.585	478.479	478.244	478.288	478.293	478.163	478.338	478.404	7
8	478.295	478.260	478.258	478.297	478.592	478.474	478.239	478.281	478.296	478.162	478.352	478.399	8
9	478.294	478.258	478.259	478.300	478.595	478.465	478.236	478.275	478.294	478.177	478.364	478.400	9
10	478.292	478.259	478.263	478.300	478.603	478.443	478.239	478.268	478.292	478.187	478.374	478.397	10
11	478.290	478.259	478.262	478.304	478.603	478.416	478.241	478.162	478.291	478.193	478.382	478.395	11
12	478.289	478.259	478.263	478.319	478.600	478.387	478.239	478.268	478.287	478.200	478.380	478.397	12
13	478.287	478.257	478.263	478.368	478.599	478.370	478.236	478.272	478.282	478.198	478.382	478.395	13
14	478.291	478.261	478.263	478.456	478.597	478.355	478.232	478.276	478.280	478.199	478.376	478.393	14
15	478.283	478.258	478.264	478.519	478.590	478.342	478.236	478.282	478.276	478.200	478.370	478.391	15
16	478.280	478.259	478.265	478.535	478.585	478.337	478.244	478.284	478.278	478.198	478.369	478.391	16
17	478.283	478.261	478.268	478.538	478.583	478.321	478.283	478.288	478.275	478.195	478.373	478.391	17
18	478.281	478.260	478.269	478.528	478.579	478.314	478.276	478.312	478.276	478.190	478.382	478.391	18
19	478.278	478.261	478.267	478.515	478.575	478.313	478.273	478.310	478.274	478.188	478.388	478.391	19
20	478.278	478.260	478.266	478.497	478.570	478.300	478.272	478.308	478.270	478.183	478.393	478.391	20
21	478.276	478.259	478.267	478.483	478.566	478.298	478.268	478.307	478.265	478.182	478.393	478.392	21
22	478.276	478.259	478.266	478.472	478.567	478.294	478.273A	478.312	478.261	478.178	478.391	478.393	22
23	478.277	478.256	478.269	478.466	478.564	478.293	478.285	478.316	478.260	478.179	478.397	478.396	23
24	478.276	478.256	478.270	478.456	478.562	478.288	478.287	478.313	478.252	478.177	478.397	478.394	24
25	478.275	478.257	478.273	478.449	478.560	478.286	478.283	478.307	478.245	478.176	478.394	478.393	25
26	478.279	478.256	478.272	478.450	478.553	478.282	478.280	478.301	478.243	478.182	478.392	478.394	26
27	478.274	478.255	478.272	478.455	478.548	478.276	478.282	478.294	478.233	478.189	478.395	478.394	27
28	478.269	478.255	478.274	478.465	478.539	478.272	478.282	478.286	478.249	478.198	478.396	478.390	28
29	478.268		478.278	478.479	478.530	478.266	478.281	478.287	478.261	478.201	478.397	478.390	29
30	478.266		478.279	478.493	478.524	478.260	478.279	478.283	478.265	478.200	478.396	478.390	30
31	478.266		478.279		478.521		478.280	478.285		478.200		478.392	31
MEAN	478.286	478.260	478.265	478.405	478.567	478.372	478.260	478.288	478.275	478.198	478.358	478.396	MEAN
MAX	478.308	478.268	478.279	478.538	478.603	478.521	478.287	478.316	478.296	478.270	478.397	478.412	MAX
MIN	478.266	478.255	478.255	478.278	478.509	478.260	478.232	478.262	478.233	478.162	478.206	478.390	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 478.320
MAXIMUM DAILY, 478.603 ON MAY 10
MINIMUM DAILY, 478.162 ON OCT 8
MAXIMUM INSTANTANEOUS,
478.606 AT 16:06 CST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 34 N
LONG 103 37 15 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KEELEY RIVER AT OUTLET OF KEELEY LAKE - STATION NO. 06BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.472B	0.412B	0.622B	0.776B	2.22	4.28	3.86	4.14	3.32	2.15	1.90	1.89	1
2	0.449B	0.408B	0.616B	0.782B	2.39	4.31	3.93	4.16	3.28	2.01	1.85	1.87	2
3	0.458B	0.411B	0.632B	0.782B	2.52	4.39	4.04	4.49	3.24	2.04	1.83	1.84	3
4	0.452B	0.400B	0.634B	0.768B	2.82	4.29	4.31	4.55	3.14	2.23	1.82	1.89	4
5	0.460B	0.397B	0.645B	0.780B	3.12	4.22	4.31	4.58	3.12	2.25	1.77	1.94	5
6	0.452B	0.429B	0.646B	0.790B	3.32	4.32	4.52	4.64	3.11	2.21	1.78	1.92	6
7	0.452B	0.416B	0.652B	0.782B	3.43	4.27	4.55	4.65	3.07	2.17	1.79	1.93	7
8	0.452B	0.417B	0.674B	0.795B	3.56	4.70	4.68	4.64	3.02	2.16	1.81	1.93	8
9	0.448B	0.423B	0.692B	0.817B	3.70	4.68	4.81	4.64	2.97	2.17	1.86	1.91	9
10	0.433B	0.424B	0.677B	0.824B	3.84	4.56	4.84	4.61	2.98	2.17	1.78	1.95	10
11	0.427B	0.428B	0.701B	0.883B	3.99	4.56	4.94	4.59	3.03	2.17	1.68	1.98	11
12	0.423B	0.444B	0.762B	0.917B	4.04	4.48	4.91	4.53	2.72	2.16	1.68	2.00	12
13	0.435B	0.450B	0.772B	0.961B	4.09	4.41	4.89	4.50	2.63	2.16	1.66	1.98	13
14	0.446B	0.470B	0.747B	1.00 B	4.17	4.36	4.87	4.37	2.69	2.13	1.66	1.96	14
15	0.448B	0.487B	0.749B	1.07 B	4.24	4.34	4.97	4.37	2.67	2.07	1.67	1.95	15
16	0.445B	0.511B	0.728B	1.10 B	4.27	4.33	4.82	4.29	2.58	2.03	1.66	1.99	16
17	0.439B	0.546B	0.720B	1.17 B	4.31	4.29	4.75	4.28	2.56	2.03	1.68	1.99	17
18	0.423B	0.540B	0.723B	1.23 B	4.32	4.28	4.79	4.32	2.43	2.04	1.70	1.97	18
19	0.413B	0.534B	0.723B	1.30 B	4.36	4.21	4.82	4.09	2.42	2.08	1.82	1.97	19
20	0.397B	0.567B	0.721B	1.32	4.43	4.13	4.68	4.01	2.45	2.09	1.93	1.97	20
21	0.401B	0.560B	0.716B	1.32	4.46	4.15	4.47	3.93	2.39	2.01	1.93	1.98	21
22	0.393B	0.535B	0.728B	1.36	4.54	4.13	4.64	3.90	2.29	2.03	1.89	1.98	22
23	0.393B	0.550B	0.737B	1.39	4.69	4.26	4.50	3.84	2.25	2.03	1.86	2.00	23
24	0.400B	0.564B	0.735B	1.45	4.80	4.19	4.40	3.76	2.25	2.04	1.84	2.00	24
25	0.395B	0.559B	0.735B	1.52	4.70	4.21	4.37	3.69	2.17	2.03	1.84	2.00	25
26	0.390B	0.569B	0.725B	1.60	4.72	4.15	4.34	3.55	2.08	1.99	1.85	1.98	26
27	0.380B	0.579B	0.726B	1.69	4.51	4.07	4.37	3.48	2.04	2.02	1.86	1.99	27
28	0.392B	0.597B	0.747B	1.79	4.44	4.00	4.35	3.39	1.96	2.01	1.83	1.99	28
29	0.411B		0.753B	1.94	4.40	4.02	4.37	3.33	2.00	2.01	1.86	2.00	29
30	0.431B		0.766B	2.07	4.35	3.89	4.30	3.30	2.13	2.04	1.85	1.99	30
31	0.423B		0.770B		4.37		4.21	3.38		1.97		1.98	31
TOTAL	13.233	13.627	21.974	34.977	123.12	128.48	140.61	127.94	78.99	66.70	53.94	60.72	TOTAL
MEAN	0.427	0.487	0.709	1.17	3.97	4.28	4.54	4.13	2.63	2.09	1.80	1.96	MEAN
MAX	0.472	0.597	0.772	2.07	4.80	4.70	4.97	4.65	3.32	2.25	1.93	2.00	MAX
MIN	0.380	0.397	0.616	0.768	2.22	3.89	3.86	3.30	1.96	1.97	1.66	1.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.36
MAXIMUM DAILY, 4.97 ON JUL 15
MINIMUM DAILY, 0.380B ON JAN 27
MAXIMUM INSTANTANEOUS,
5.33 AT 17:25 CST ON JUL 12

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 10 N
LONG 108 03 20 W
DRAINAGE AREA, 1 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 140	JUL	12 100
FEB	1 180	AUG	11 100
MAR	1 900	SEP	6 820
APR	3 020	OCT	5 590
MAY	10 600	NOV	4 660
JUN	11 100	DEC	5 250

TOTAL DISCHARGE, 74 500 dam³

KELSEY CREEK NEAR GARRICK - STATION NO. 05KE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.162	0.003	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.071	0.002	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.028	0.002	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.016	0.002	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.008	0.002	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.008	0.003	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.005	0.002	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.004	0.001	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.004	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.003	0	0	0	0	0	---	---	12
13	---	---	0B	0 B	0.002	0	0	0	0	0	---	---	13
14	---	---	0B	0 B	0.002	0	0	0	0	0	---	---	14
15	---	---	0B	0 B	0.002	0	0	0	0	0	---	---	15
16	---	---	0B	0.137B	0.002	0	0	0	0	0	---	---	16
17	---	---	0B	0.535B	0.001	0	0	0	0	0	---	---	17
18	---	---	0B	3.17 B	0.001	0	0	0	0	0	---	---	18
19	---	---	0B	5.88	0.001	0	0	0	0	0	---	---	19
20	---	---	0B	4.14	0.001	0	0	0	0	0	---	---	20
21	---	---	0B	3.16	0.002	0	0	0	0	0	---	---	21
22	---	---	0B	2.27	0.001	0	0	0	0	0	---	---	22
23	---	---	0B	1.55	0.002	0	0	0	0	0	---	---	23
24	---	---	0B	1.01	0.001	0	0	0	0	0	---	---	24
25	---	---	0B	0.730	0.001E	0	0	0	0	0	---	---	25
26	---	---	0B	0.556	0.001E	0	0	0	0	0	---	---	26
27	---	---	0B	0.443	0.001E	0	0	0	0	0	---	---	27
28	---	---	0B	0.353	0.001	0	0	0	0	0	---	---	28
29	---		0B	0.282	0.003	0	0	0	0	0	---	---	29
30	---		0B	0.220	0.005	0	0	0	0	0	---	---	30
31	---		0B		0.003		0	0		0		---	31
TOTAL	---	---	0	28.436	0.348	0.017	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.815	0.011	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0	5.88	0.162	0.003	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.101
MAXIMUM DAILY, 5.88 ON APR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
7.12 AT 01:58 CST ON APR 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 28 53 N
LONG 104 19 33 W
DRAINAGE AREA, 155 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	2 110	OCT	0
MAY	30.1	NOV	---
JUN	1.47	DEC	---

TOTAL DISCHARGE, 2 140 dam³

KENOSEE LAKE NEAR CARLYLE - STATION NO. 05ND009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	738.955	738.956	738.848	738.836	738.771	738.730	---	---	1
2	---	---	738.852A	---	738.954	738.952	738.846	738.835	738.768	738.730	---	---	2
3	---	---	---	---	738.949	738.951	738.842	738.832	738.768	738.730	---	---	3
4	---	---	---	---	738.951	738.947	738.837	738.829	738.760	738.735	---	---	4
5	---	---	---	---	738.948	738.947	738.834	738.826	738.757	738.734	738.718A	---	5
6	---	---	---	---	738.946	738.942	738.828	738.822	738.756	738.733A	---	---	6
7	---	---	---	---	738.941	738.935	738.819	738.813	738.754	---	---	---	7
8	---	---	---	---	738.938	738.931	738.821	738.801	738.753	---	---	---	8
9	---	---	---	---	738.937	738.926	738.834	738.794	738.751	---	---	---	9
10	---	---	---	---	738.952	738.924	738.834	738.789	738.749	---	---	---	10
11	---	---	---	---	738.956	738.921	738.832	738.779	738.748	---	---	---	11
12	---	---	---	---	738.956	738.917	738.831	738.774	738.742	---	---	---	12
13	---	---	---	---	738.956	738.916	738.831	738.771	738.735	---	---	---	13
14	---	---	---	---	738.954	738.912	738.828	738.807	738.728	---	---	---	14
15	---	---	---	---	738.954	738.909	738.827	738.815	738.726	---	---	---	15
16	---	---	---	---	738.962	738.906	738.848	738.813	738.722	---	---	---	16
17	---	---	---	---	738.969	738.900	738.844	738.810	738.719	---	---	---	17
18	---	---	---	---	738.969	738.897	738.838	738.822	738.716	---	---	---	18
19	---	---	---	---	738.968	738.892	738.835	738.823	738.712	---	---	---	19
20	---	---	---	---	738.968	738.887	738.831	738.819	738.709	---	---	---	20
21	---	---	---	738.940A	738.968	738.885	738.826	738.820	738.707	---	---	---	21
22	---	---	---	738.946	738.967	738.880	738.849	738.818	738.706	---	---	---	22
23	---	---	---	738.949	738.968	738.881	738.866	738.815	738.706	---	---	---	23
24	---	---	---	738.953	738.968	738.875	738.865	738.810	738.704	---	---	---	24
25	---	---	---	738.955	738.965	738.871	738.861	738.803	738.701	---	---	---	25
26	---	---	---	738.956	738.962	738.867	738.858	738.797	738.696	---	---	---	26
27	---	---	---	738.954	738.960	738.864	738.856	738.791	738.693	---	---	---	27
28	---	---	---	738.954	738.958	738.863	738.854	738.786	738.725	---	---	---	28
29	---		---	738.956	738.964	738.860	738.846	738.780	738.736	---	---	---	29
30	---		---	738.956	738.962	738.854	738.842	738.776	738.731	---	---	---	30
31	---		738.860E		738.958		738.839	738.773		738.720E		---	31
MEAN	---	---	---	---	738.958	738.906	738.840	738.806	738.732	---	---	---	MEAN
MAX	---	---	---	---	738.969	738.956	738.866	738.836	738.771	---	---	---	MAX
MIN	---	---	---	---	738.937	738.854	738.819	738.771	738.693	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 738.969 ON MAY 17
MINIMUM DAILY, 738.693 ON SEP 27
MAXIMUM INSTANTANEOUS,
738.969 AT 18:07 CST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 55 N
LONG 102 17 28 W

A - MANUAL GAUGE
E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KIPABISKAU LAKE NEAR MCKAGUE - STATION NO. 05LA007

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	513.654E	513.621	513.486E	513.495E	513.447	513.451E	513.477	---	1
2	---	---	---	---	513.633	513.617	513.486	513.496	513.451	513.454	513.477E	---	2
3	---	---	---	---	513.629E	513.605	513.486	513.496	513.449	513.454	513.477	---	3
4	---	---	---	---	513.625	513.607E	513.491E	513.497	513.438	513.456E	513.478E	---	4
5	---	---	---	---	513.575	513.609	513.496	513.495	513.438	513.459	513.479	---	5
6	---	---	---	---	513.578E	513.602E	513.496	513.495	513.438	513.461	---	---	6
7	---	---	---	---	513.581	513.595	513.491E	513.487	513.440	513.461E	---	---	7
8	---	---	---	---	513.575	513.585	513.486	513.482E	513.440E	513.461	---	---	8
9	---	---	---	---	513.571E	513.578	513.491E	513.477	513.440E	513.461E	---	---	9
10	---	---	---	---	513.567	513.576	513.496	513.471	513.440E	513.461	---	---	10
11	---	---	---	---	513.551E	513.566	513.496E	513.467	513.441E	513.463	---	---	11
12	---	---	---	---	513.535	513.558	513.496	513.477	513.441E	513.464E	---	---	12
13	---	---	---	---	513.547	513.553E	513.498	513.467	513.441	513.465E	---	---	13
14	---	---	---	---	513.545	513.548	513.498	513.467	513.435E	513.466E	---	---	14
15	---	---	---	---	513.544E	513.548	513.507E	513.462E	513.429	513.467E	---	---	15
16	---	---	---	---	513.543	513.544	513.516	513.457	513.429	513.468E	---	---	16
17	---	---	---	513.719	513.536	513.540E	513.511E	513.457	513.430	513.468	---	---	17
18	---	---	---	513.730E	513.535	513.536	513.506	513.458E	513.430	513.468E	---	---	18
19	---	---	---	513.741E	513.534E	513.530E	513.516	513.459	513.430	513.468E	---	---	19
20	---	---	---	513.751E	513.533	513.524	513.508	513.459E	513.430	513.468E	---	---	20
21	---	---	---	513.762E	513.532E	513.512	513.506	513.459	513.430	513.467E	---	---	21
22	---	---	---	513.773E	513.531	513.506	513.506	513.467	513.428	513.467	---	---	22
23	---	---	---	513.784E	513.533E	513.506	513.504	513.463	513.426E	513.467E	---	---	23
24	---	---	---	513.794E	513.535	513.502	513.504E	513.465	513.423E	513.468E	---	---	24
25	---	---	---	513.805	513.530E	513.498E	513.504E	513.463	513.421	513.468E	---	---	25
26	---	---	---	513.765	513.525	513.494E	513.504	513.447	513.430E	513.468E	---	---	26
27	---	---	---	513.739	513.550E	513.490E	513.498	513.444E	513.440E	513.468	---	---	27
28	---	---	---	513.715E	513.575	513.486	513.498	513.442E	513.449	513.468	---	---	28
29	---		---	513.691	513.600	513.486E	513.497E	513.439	513.449E	513.471E	---	---	29
30	---		---	513.675	513.621	513.486E	513.496	513.441E	513.448	513.474E	---	---	30
31	---		---		513.623		513.494	513.443		513.477		---	31
MEAN	---	---	---	---	513.566	513.547	513.499	513.468	513.437	513.465	---	---	MEAN
MAX	---	---	---	---	513.654	513.621	513.516	513.497	513.451	513.477	---	---	MAX
MIN	---	---	---	---	513.525	513.486	513.486	513.439	513.421	513.451	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 34 16 N
LONG 104 11 04 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KNOX COULEE NEAR TUXFORD - STATION NO. 05JG015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.006	0.002	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.003	0.002	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.002	0.001	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.002	0.001	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.002	0.001	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.001	0.001	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.001	0.001	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.001	0.001	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0.001	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0.001	0	0	0	0	---	---	10
11	---	---	0B	0.001B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0.002B	0	0	0	0	0	0	---	---	12
13	---	---	0B	0.010B	0	0	0	0	0	0	---	---	13
14	---	---	0B	0.025B	0	0	0	0	0	0	---	---	14
15	---	---	0B	0.387B	0	0	0	0	0	0	---	---	15
16	---	---	0B	1.40	0	0	0	0	0	0	---	---	16
17	---	---	0B	1.42	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.978	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.589	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.228	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.092	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.059	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.069	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.099	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.057	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.032	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.027	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.025	0.003	0	0	0	0	0	---	---	28
29	---		0B	0.025	0.004	0	0	0	0	0	---	---	29
30	---		0B	0.011	0.003	0	0	0	0	0	---	---	30
31	---		0B		0.002		0	0		0		---	31
TOTAL	---	---	0	5.536	0.030	0.012	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.185	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.42	0.006	0.002	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.023
MAXIMUM DAILY, 1.42 ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.94 AT 23:52 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 41 N
LONG 105 36 05 W
DRAINAGE AREA, 24.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	478	OCT	0
MAY	2.59	NOV	---
JUN	1.04	DEC	---

TOTAL DISCHARGE, 482 dam³

KOHLESCHMIDT CREEK NEAR ROSTHERN - STATION NO. 05MH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0 B	0	0	0	0	0	0	---	---	12
13	---	---	0B	0 B	0	0	0	0	0	0	---	---	13
14	---	---	0B	0.014B	0	0	0	0	0	0	---	---	14
15	---	---	0B	0.127B	0	0	0	0	0	0	---	---	15
16	---	---	0B	0.076	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.042	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.028	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.019	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.014	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.011	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.007	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.005	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.002	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	---	0B	0	0	0	0	0	0	0	---	---	27
28	---	---	0B	0	0	0	0	0	0	0	---	---	28
29	---		0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	0.345	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.012	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.127	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.127B ON APR 15
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 44 50 N
LONG 106 22 05 W
DRAINAGE AREA, 362 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	29.8	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 29.8 dam³

REMARKS - PRIOR TO 1982 STATION WAS LOCATED IN NW14-43-03-W3 AND PUBLISHED UNDER "DUCK LAKE CREEK NEAR ROSTHERN"

LAC DES ILES NEAR GOODSOIL - STATION NO. 06AF009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	26.293	26.438	26.603	26.580	26.491	26.403	---	1
2	---	---	---	---	---	26.296E	26.460E	26.603E	26.580E	26.492E	26.392E	---	2
3	---	---	---	---	---	26.299	26.482	26.603	26.580	26.493	26.381	---	3
4	---	---	---	---	---	26.301E	26.490E	26.607E	26.578E	26.494E	26.379E	---	4
5	---	---	---	---	---	26.303	26.499E	26.611	26.577E	26.495	26.377E	---	5
6	---	---	---	---	---	26.311E	26.508	26.609E	26.576	26.489E	26.375	---	6
7	---	---	---	---	---	26.319	26.515E	26.607	26.570E	26.482E	26.374E	---	7
8	---	---	---	---	---	26.323E	26.522	26.607E	26.565E	26.475	26.373	---	8
9	---	---	---	---	---	26.328E	26.525E	26.607	26.560	26.474E	---	---	9
10	---	---	---	---	---	26.333	26.528E	26.606E	26.555E	26.473E	---	---	10
11	---	---	---	---	---	26.332E	26.531	26.605E	26.550E	26.471	---	---	11
12	---	---	---	---	---	26.332E	26.531E	26.604	26.546	26.467E	---	---	12
13	---	---	---	---	---	26.332	26.531	26.603E	26.542E	26.463	---	---	13
14	---	---	---	---	---	26.337E	26.533E	26.602E	26.538	26.454E	---	---	14
15	---	---	---	---	26.219	26.342E	26.535E	26.600	26.536E	26.445	---	---	15
16	---	---	---	---	26.223E	26.346	26.537	26.598E	26.535E	26.443E	---	---	16
17	---	---	---	---	26.227	26.349E	26.537	26.596	26.534	26.441E	---	---	17
18	---	---	---	---	26.231E	26.352	26.539E	26.593E	26.532E	26.439	---	---	18
19	---	---	---	---	26.235E	26.354E	26.541	26.590	26.530	26.437E	---	---	19
20	---	---	---	---	26.239	26.356	26.542E	26.588E	26.525E	26.435	---	---	20
21	---	---	---	---	26.241E	26.379E	26.503	26.586	26.520	26.429E	---	---	21
22	---	---	---	---	26.243	26.402	26.545E	26.586E	26.518E	26.423	---	---	22
23	---	---	---	---	26.250E	26.415E	26.547	26.586	26.516E	26.419E	---	---	23
24	---	---	---	---	26.256E	26.428	26.547E	26.588	26.514	26.415	---	---	24
25	---	---	---	---	26.263	26.431E	26.547E	26.582	26.511E	26.414E	---	---	25
26	---	---	---	---	26.265E	26.435E	26.547	26.580E	26.509	26.414E	---	---	26
27	---	---	---	---	26.267	26.438	26.547E	26.578E	26.504E	26.413	---	---	27
28	---	---	---	---	26.273E	26.438E	26.547	26.576	26.499	26.409E	---	---	28
29	---		---	---	26.279	26.438E	26.565E	26.578E	26.495E	26.405	---	---	29
30	---		---	---	26.293	26.438	26.583E	26.580	26.491	26.404E	---	---	30
31	---		---		26.293E		26.601	26.580		26.403		---	31
MEAN	---	---	---	---	---	26.359	26.530	26.595	26.539	26.448	---	---	MEAN
MAX	---	---	---	---	---	26.438	26.601	26.611	26.580	26.495	---	---	MAX
MIN	---	---	---	---	---	26.293	26.438	26.576	26.491	26.403	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 26.611 ON AUG 5

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 26 27 N
LONG 109 18 51 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAC LA RONGE AT LA RONGE - STATION NO. 06CB001

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	363.782	363.792	363.814	363.822	363.872	363.984	364.061	364.050	363.985	363.865	363.826A	363.834E	1
2	363.781	363.793	363.814	363.822	363.874	363.987	364.085	364.075	363.988	363.869	363.826E	363.834E	2
3	363.785	363.791	363.814	363.820	363.878	363.991	364.083	364.062	363.982	363.875	363.826E	363.834E	3
4	363.779	363.795	363.812	363.822	363.876	363.999	364.065	364.052	363.982	363.865	363.826E	363.834E	4
5	363.780	363.796	363.811	363.822	363.886	364.003	364.077	364.052	363.987	363.850	363.827E	363.834E	5
6	363.785	363.796	363.811	363.821	363.886	364.013	364.093	364.061	363.981	363.861	363.827E	363.833E	6
7	363.786	363.795	363.810	363.821	363.895	364.022	364.076	364.047	363.970	363.867	363.827E	363.833E	7
8	363.786	363.794	363.812	363.825	363.901	364.019	364.082	364.062	363.972	363.850	363.827E	363.833A	8
9	363.783	363.799	363.816	363.825	363.905	364.018	364.079	364.061	363.977	363.837	363.827E	363.832	9
10	363.782	363.797	363.816	363.831	363.905	364.027	364.073	364.059	363.981	363.834	363.828E	363.825	10
11	363.787	363.801	363.818	363.828	363.910	364.034	364.069	364.059	363.940	363.838	363.828E	363.835	11
12	363.789	363.802	363.822	363.826	363.913	364.036	364.081	364.057	363.936	363.823	363.828E	363.834	12
13	363.792	363.802	363.828	363.831	363.908	364.040	364.089	364.063	363.938	363.822	363.828E	363.840	13
14	363.783	363.802	363.828	363.830	363.912	364.041	364.090	364.068	363.936	363.818	363.828E	363.834	14
15	363.782	363.805	363.829	363.830	363.920	364.042	364.086	364.066	363.920	363.824	363.828E	363.836	15
16	363.785	363.810	363.827	363.830	363.922	364.049	364.080	364.071	363.928	363.859	363.829E	363.838	16
17	363.788	363.812	363.826	363.834	363.923	364.048	364.076	364.071	363.926	363.860	363.829E	363.838	17
18	363.787	363.811	363.823	363.835	363.928	364.045	364.073	364.056	363.918	363.839	363.829E	363.835	18
19	363.786	363.813	363.825	363.832	363.933	364.047	364.049	364.049	363.918	363.826	363.829E	363.838	19
20	363.787	363.812	363.824	363.835	363.936	364.053	364.036	364.049	363.913	363.827	363.829E	363.838	20
21	363.787	363.808	363.824	363.835	363.938	364.057	364.059	364.050	363.912	363.837	363.830E	363.836	21
22	363.785	363.812	363.823	363.834	363.943	364.055	364.075	364.048	363.908	363.855	363.830E	363.836	22
23	363.788	363.812	363.823	363.835	363.946	364.062	364.024	364.034	363.905	363.846	363.830E	363.843	23
24	363.791	363.812	363.823	363.836	363.944	364.066	364.027	364.029	363.902	363.839	363.830E	363.847	24
25	363.790	363.812	363.822	363.843	363.955	364.066	364.045	364.005	363.893	363.840	363.830E	363.850	25
26	363.795	363.812	363.828	363.849	363.968	364.056	364.045	363.990	363.887	363.845	363.831E	363.852	26
27	363.786	363.816	363.826	363.852	363.977	364.064	364.039	364.011	363.907	363.839	363.831E	363.844	27
28	363.791	363.812	363.821	363.857	363.978	364.066	364.037	364.007	363.911	363.839	363.831E	363.849	28
29	363.791		363.822	363.860	363.984	364.061	364.036	363.979	363.883	363.819	363.831E	363.844	29
30	363.795		363.817	363.866	363.981	364.066	364.033	363.999	363.866	363.820	363.831E	363.848	30
31	363.794		363.818		363.984		364.041	363.996		363.827		363.851	31
MEAN	363.787	363.804	363.820	363.834	363.925	364.037	364.063	364.043	363.935	363.842	363.829	363.838	MEAN
MAX	363.795	363.816	363.829	363.866	363.984	364.066	364.093	364.075	363.988	363.875	363.831	363.852	MAX
MIN	363.779	363.791	363.810	363.830	363.872	363.984	364.024	363.979	363.866	363.818	363.826	363.825	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 363.897
MAXIMUM DAILY, 364.093 ON JUL 6
MINIMUM DAILY, 363.779 ON JAN 4
MAXIMUM INSTANTANEOUS,
364.137 AT 10:50 CST ON JUL 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 50 N
LONG 105 18 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAC PELLETIER NEAR VESPER - STATION NO. 05HD028

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	829.167	829.248E	829.227E	829.182E	829.021E	828.971	828.911E	828.818	---	1
2	---	---	---	829.167E	829.248E	829.225	829.241	829.020	828.969E	828.913	828.821E	---	2
3	---	---	---	829.167	829.249	829.220E	829.244E	829.019E	828.967	828.912E	828.824	---	3
4	---	---	---	829.171E	829.249E	829.215	829.246E	829.019	828.963E	828.911	828.826E	---	4
5	---	---	---	829.175	829.249	829.214E	829.249	829.019E	828.959	828.910E	828.829	---	5
6	---	---	---	829.183E	829.249E	829.214E	829.247E	829.019	828.958E	828.910	828.832E	---	6
7	---	---	---	829.191	829.249	829.213	829.245	829.016E	828.957	828.909E	828.830E	---	7
8	---	---	---	829.196E	829.248E	829.209E	829.238E	829.012E	828.953E	828.908	828.818	---	8
9	---	---	---	829.201	829.248E	829.205	829.231	829.008	828.949	828.909E	828.817E	---	9
10	---	---	---	829.210E	829.247	829.202E	829.226E	828.999E	828.941E	828.910E	828.816	---	10
11	---	---	---	829.218E	829.244E	829.199	829.220E	828.991	828.934E	828.911	828.818E	---	11
12	---	---	---	829.227	829.241	829.194E	829.215	828.990E	828.926E	828.910E	828.816	---	12
13	---	---	---	829.237E	829.240E	829.188E	829.212E	828.989	828.918	828.908	---	---	13
14	---	---	---	829.247	829.239	829.183	829.209	828.983E	828.916E	828.908	---	---	14
15	---	---	---	829.249E	829.234E	829.181E	829.196E	828.977E	828.914	828.908	---	---	15
16	---	---	---	829.251	829.230E	829.179	829.183	828.970	828.912E	828.911E	---	---	16
17	---	---	---	829.253E	829.225	829.177E	829.165E	828.986E	828.910	828.913E	---	---	17
18	---	---	---	829.255E	829.223E	829.175	829.147E	829.002	828.910E	828.916	---	---	18
19	---	---	---	829.257	829.221	829.174E	829.129	829.002	828.910E	828.912E	---	---	19
20	---	---	---	829.256E	829.218E	829.174E	829.108E	828.998	828.910	828.908	---	---	20
21	---	---	---	829.255	829.215	829.173	829.086	828.995E	828.908E	828.898E	---	---	21
22	---	---	---	829.255E	829.211E	829.172E	829.066E	828.993E	828.906	828.888	---	---	22
23	---	---	---	829.255	829.207E	829.171	829.046	828.990	828.904E	828.879E	---	---	23
24	---	---	---	829.254E	829.203	829.158E	829.040E	828.981E	828.902	828.869E	---	---	24
25	---	---	---	829.252E	829.197E	829.145	829.033E	828.972	828.900E	828.860	---	---	25
26	---	---	---	829.251	829.191	829.140E	829.026	828.961E	828.899E	828.856E	---	---	26
27	---	---	---	829.249E	829.187E	829.136E	829.026E	828.950	828.897	828.852E	---	---	27
28	---	---	---	829.247	829.183	829.131	829.026E	828.940E	828.903E	828.848	---	---	28
29	---		---	829.247E	829.198E	829.127E	829.026	828.930E	828.908	828.836	---	---	29
30	---		---	829.247	829.214E	829.123	829.024E	828.919	828.910E	828.830E	---	---	30
31	---		---		829.229		829.023	828.945E		828.824E		---	31
MEAN	---	---	---	829.226	829.227	829.181	829.147	828.988	828.926	828.892	---	---	MEAN
MAX	---	---	---	829.257	829.249	829.227	829.249	829.021	828.971	828.916	---	---	MAX
MIN	---	---	---	829.167	829.183	829.123	829.023	828.919	828.897	828.824	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 829.257 ON APR 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 00 35 N
LONG 107 56 00 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA NEAR CRACKINGSTONE POINT - STATION NO. 07NC003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	207.993E	207.979E	207.970E	---	---	---	208.730	208.953	208.979	208.844	208.644	208.472	1
2	207.993E	207.979E	207.970E	---	---	---	208.723	208.939	208.954	208.815	208.628	208.437	2
3	207.993E	207.979E	207.970E	---	---	---	208.725	208.945	208.961	208.803	208.614	208.424	3
4	207.993E	207.978E	207.970E	---	---	---	208.732	208.958	208.953	208.813	208.626	208.418	4
5	207.993E	207.978E	207.970E	---	---	---	208.753	209.000	208.947	208.812	208.619	208.439	5
6	207.993E	207.978E	207.970E	---	---	---	208.758	208.991	208.953	208.810	208.600	208.441	6
7	207.993E	207.977E	207.970E	---	---	---	208.773	209.003	208.974	208.793	208.592	208.428	7
8	207.993E	207.977E	207.970E	---	---	---	208.773	209.005	208.967	208.799	208.580	208.416	8
9	207.993E	207.977E	207.970E	---	---	---	208.783	209.011	208.949	208.798	208.589	208.438	9
10	207.993E	207.976E	207.970E	---	---	---	208.769	209.022	208.927	208.788	208.567	208.423	10
11	207.993E	207.976E	207.970E	---	---	---	208.770	209.030	208.981	208.809	208.554A	208.418	11
12	207.993E	207.976E	207.970E	---	---	---	208.779	209.049	208.919	208.792	208.548A	208.422	12
13	207.993A	207.975E	207.970E	---	---	---	208.800	209.066	208.928	208.787	208.543	208.418	13
14	207.995	207.975E	207.970E	---	---	---	208.809	209.071	208.963	208.776	208.517	208.417	14
15	207.993	207.974E	207.970E	---	---	---	208.820	209.046	208.931	208.753	208.524	208.413	15
16	207.987A	207.974E	207.970E	---	---	---	208.821	209.041	208.918	208.665	208.522A	208.424	16
17	207.987E	207.974E	207.971E	---	---	---	208.830	209.041	208.930	208.708	208.508	208.427	17
18	207.986E	207.973E	207.971E	---	---	---	208.857	209.060	208.925	208.747	208.518A	208.419	18
19	207.986E	207.973E	207.971E	---	---	---	208.871	209.061	208.927	208.762	208.505E	208.407	19
20	207.985E	207.973E	207.971E	---	---	---	208.871	209.047	208.933	208.728	208.511E	208.404	20
21	207.985E	207.973E	207.972E	---	---	---	208.871	209.038	208.927	208.708	208.515E	208.392	21
22	207.984E	207.972E	207.972E	---	---	---	208.870	209.038	208.918	208.689	208.498A	208.384	22
23	207.984E	207.972E	207.972E	---	---	---	208.904	209.019	208.902	208.729	208.488E	208.395	23
24	207.983E	207.972E	207.972E	---	---	208.738A	208.948	209.013	208.907	208.693	208.488E	208.371	24
25	207.963E	207.971E	207.972A	---	---	208.738	208.963	209.009	208.893	208.695	208.486A	208.370	25
26	207.982E	207.971E	207.972E	---	---	208.736	208.981	208.994	208.870	208.685	208.464A	208.364	26
27	207.982E	207.970E	207.972E	---	---	208.733	208.993	208.977	208.857	208.694	208.457A	208.354	27
28	207.981E	207.970E	207.973E	---	---	208.722	209.004	208.976	208.844	208.650	208.458	208.346	28
29	207.981E		207.973E	---	---	208.726	208.995	208.981	208.839	208.680	208.450	208.338	29
30	207.980E		207.973E	---	---	208.751	209.008	208.978	208.842	208.651	208.454	208.331	30
31	207.980E		207.973E		---		208.985	208.983		208.639		208.342	31
MEAN	207.988	207.975	207.971	---	---	---	208.847	209.011	208.928	208.746	208.535	208.403	MEAN
MAX	207.995	207.979	207.973	---	---	---	209.008	209.071	208.981	208.844	208.644	208.472	MAX
MIN	207.980	207.970	207.970	---	---	---	208.723	208.939	208.839	208.639	208.450	208.330	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 209.071 ON AUG 14

MAXIMUM INSTANTANEOUS,
209.085 AT 01:44 CST ON AUG 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 22 55 N
LONG 108 52 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE DIEFENBAKER AT GARDINER DAM - STATION NO. 05HF003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	552.727B	550.613	548.828	547.633	548.973	550.025	553.279	555.934	556.092	555.827	555.632	554.674	1
2	552.669B	550.552	548.787	547.636	549.052	550.110	553.422	555.993	556.082	555.836	555.626	554.618	2
3	552.612B	550.475	548.737	547.642	549.119	550.214	553.563	556.081	556.078	555.850	555.603	554.593	3
4	552.554B	550.402	548.692	547.643	549.179	550.308	553.656	556.025	556.048	555.885	555.590	554.555	4
5	552.497B	550.331	548.649	547.651	549.235	550.403	553.773	556.054	556.056	555.795	555.593	554.510	5
6	552.440B	550.267	548.590	547.666	549.292	550.453	553.884	556.082	556.058	555.791	555.583	554.457	6
7	552.382B	550.188	548.534	547.693	549.271	550.532	554.015	556.076	556.071	555.787	555.568	554.404	7
8	552.325B	550.099	548.483	547.704	549.299	550.614	554.137	556.096	556.078	555.772	555.553	554.356	8
9	552.267B	550.022	548.441	547.700	549.333	550.678	554.277	556.091	556.061	555.748	555.549	554.351	9
10	552.210B	549.943	548.384	547.684	549.374	550.753	554.427	556.109	556.055	555.748	555.548	554.300	10
11	552.152B	549.862	548.351	547.689	549.403	550.833	554.588	556.127	556.052	555.741	555.491	554.266	11
12	552.095A	549.783	548.314	547.697	549.418	550.951	554.736	556.137	556.007	555.741	555.485	554.241	12
13	552.034	549.704	548.259	547.710	549.453	551.085	554.857	556.102	555.976	555.752	555.443	554.199	13
14	551.963	549.633	548.233	547.763	549.478	551.212	554.974	556.108	555.977	555.737	555.433	554.158	14
15	551.867	549.565	548.199	547.787	549.490	551.322	555.074	556.132	555.985	555.704	555.398	554.120	15
16	551.791	549.512	548.167	547.806	549.514	551.421	555.160	556.142	555.963	555.721	555.352	554.093	16
17	551.714	549.452	548.128	547.814	549.536	551.525	555.251	556.149	555.975	555.672	555.347	554.057	17
18	551.639	549.388	548.084	547.846	549.543	551.660	555.324	556.149	555.956	555.653	555.292	554.011	18
19	551.552	549.325	548.060	547.869	549.553	551.777	555.382	556.141	555.950	555.653	555.257	553.978	19
20	551.472	549.273	548.031	547.949	549.574	551.923	555.425	556.139	555.948	555.652	555.181	553.945	20
21	551.391	549.228	548.013	548.079	549.588	552.061	555.463	556.105	555.936	555.649	555.136	553.912	21
22	551.315	549.175	547.969	548.194	549.587	552.202	555.553	556.153	555.950	555.641	554.092	553.883	22
23	551.239	549.106	547.927	548.347	549.641	552.323	555.582	556.154	555.922	555.659	555.043	553.854	23
24	551.169	549.048	547.880	548.466	549.638	552.463	555.626	556.143	555.913	555.658	554.996	553.827	24
25	551.108	548.997	547.832	548.527	549.665	552.584	555.654	556.127	555.924	555.648	554.948	553.799	25
26	551.049	548.938	547.776	548.582	549.665	552.727	555.684	556.118	555.874	555.650	554.902	553.775	26
27	550.969	548.902	547.737	548.638	549.693	552.827	555.719	556.091	555.841	555.657	554.868	553.720	27
28	550.892	548.869	547.704	548.717	549.711	552.932	555.752	556.105	555.831	555.655	554.816	553.692	28
29	550.811		547.683	548.810	549.773	553.051	555.787	556.094	555.851	555.637	554.775	553.661	29
30	550.736		547.666	548.887	549.886	553.168	555.804	556.097	555.844	555.643	554.728	553.637	30
31	550.678		547.649		549.965		555.890	556.086		555.646		553.593	31
MEAN	551.752	549.666	548.187	547.995	549.478	551.472	554.895	556.103	555.979	555.718	555.294	554.105	MEAN
MAX	552.727	550.613	548.828	548.887	549.965	553.168	555.890	556.154	556.092	555.850	555.632	554.674	MAX
MIN	550.678	548.869	547.649	547.633	548.973	550.025	553.279	555.934	555.831	555.637	554.728	553.593	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 552.576
MAXIMUM DAILY, 556.154 ON AUG 23
MINIMUM DAILY, 547.633 ON APR 1
MAXIMUM INSTANTANEOUS,
556.226 AT 00:05 CST ON AUG 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 16 49 N
LONG 106 50 18 W

A - MANUAL GAUGE
B - ESTIMATED
REGULATED SINCE 1965

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET-UP

LAKE DIEFENBAKER AT SASKATCHEWAN LANDING - STATION NO. 05HC004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	548.815	547.648	548.972	550.016	553.274	555.888	556.034	555.824	---	---	1
2	---	---	548.773	547.623	549.033	550.110	553.326	555.884	556.037	555.803	---	---	2
3	---	---	548.703	547.633	549.073	550.199	553.418	555.958	556.041	555.776	---	---	3
4	---	---	548.651	547.641	549.060	550.294	553.540	555.988	556.062	555.788	---	---	4
5	---	---	548.606	547.656	549.096	550.350	553.685	556.020	556.028A	555.790	---	---	5
6	---	---	548.572	547.670	549.151	550.439	553.835	556.042	555.990E	555.787	---	---	6
7	---	---	548.509	547.668	549.242	550.531	554.002	556.053	555.998E	555.770	---	---	7
8	---	---	548.456	547.676	549.304	550.606	554.133	556.074	555.983E	555.751	---	---	8
9	---	---	548.413	547.671	549.336	550.686	554.247	556.093	555.979E	555.736	---	---	9
10	---	---	548.362	547.690	549.342	550.762	554.393	556.094	555.976E	555.731	---	---	10
11	---	---	548.326	547.678	549.373	550.874	554.552	556.098	555.975E	555.720	---	---	11
12	---	---	548.256	547.687	549.416	550.974	554.707	556.078	555.964E	555.710	---	---	12
13	---	---	548.236	547.709	549.428	551.089	554.837	556.098A	555.957E	555.695	---	---	13
14	---	---	548.219	547.761	549.478	551.209	554.965	556.112E	555.956E	555.684	---	---	14
15	---	---	548.189	547.755	549.535	551.309	555.035	556.115E	555.951E	555.704	---	---	15
16	---	---	548.166	547.776	549.523	551.407	555.098	556.124E	555.943E	555.664	---	---	16
17	---	---	548.125	547.793	549.538	551.523	555.186	556.127A	555.940E	555.676	---	---	17
18	---	---	548.083	547.819	549.571	551.629	555.288	556.107	555.937E	555.664	---	---	18
19	---	---	548.063	547.861	549.562	551.774	555.333	556.110	555.931E	555.634	---	---	19
20	---	---	547.991	547.948	549.565	551.916	555.399	556.116	555.928E	555.634	---	---	20
21	---	---	547.976	548.071	549.587	552.054	555.466	556.119	555.919A	555.622	---	---	21
22	---	---	547.928	548.194	549.621	552.194	555.496	556.105	555.908	555.628	---	---	22
23	---	549.058A	547.895	548.353	549.517	552.321	555.551	556.105	555.904	555.619	---	---	23
24	---	548.999	547.837	548.436	549.620	552.469	555.587	556.101	555.900	555.623	---	---	24
25	---	548.954	547.810	548.506	549.641	552.614	555.635	556.101	555.864	555.627	---	---	25
26	---	548.919	547.783	548.572	549.664	552.734	555.667	556.089	555.904	555.624A	---	---	26
27	---	548.888	547.715	548.649	549.698	552.864	555.696	556.115	555.909	555.624E	---	---	27
28	---	548.824	547.682	548.713	549.784	552.984	555.718	556.079	555.864	555.624E	---	---	28
29	---		547.653	548.765	549.904	553.084	555.778	556.098	555.827	555.624E	---	---	29
30	---		547.636	548.871	549.880	553.197	555.823	556.088	555.828	555.624E	---	---	30
31	---		547.638		549.914		555.871	556.073A		555.624E		---	31
MEAN	---	---	548.162	547.981	549.666	551.473	554.855	556.072	555.947	555.698	---	---	MEAN
MAX	---	---	548.815	548.871	549.904	553.197	555.871	556.127	556.062	555.824	---	---	MAX
MIN	---	---	547.636	547.623	548.972	550.016	553.274	555.884	555.827	555.619	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 556.127A ON AUG 17
MINIMUM DAILY, 547.623 ON APR 2
MAXIMUM INSTANTANEOUS,
556.192 AT 22:16 CST ON AUG 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 21 N
LONG 107 58 08 W

A - MANUAL GAUGE
B - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

LAKE OF THE RIVERS WEST INFLOW - STATION NO. 05JD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	B	0	0.199	0.090	0	0	0	---	---	1
2	---	---	0B	0	B	0	0.144	0.072	0	0	0	---	---	2
3	---	---	0B	0	B	0	0.105	0.027	0	0	0	---	---	3
4	---	---	0B	0	B	0	0.083	0.008	0	0	0	---	---	4
5	---	---	0B	0	B	0	0.064	0.002	0	0	0	---	---	5
6	---	---	0B	0	B	0	0.046	0	0	0	0	---	---	6
7	---	---	0B	0	B	0	0.041	0	0	0	0	---	---	7
8	---	---	0B	0	B	0	0.030	0	0	0	0	---	---	8
9	---	---	0B	0	B	0	0.019	0	0	0	0	---	---	9
10	---	---	0B	0	B	0	0.012	0	0	0	0	---	---	10
11	---	---	0B	0	B	0	0.006	0	0	0	0	---	---	11
12	---	---	0B	1.69	B	0	0.003	0	0	0	0	---	---	12
13	---	---	0B	6.18	B	0	0.002	0	0	0	0	---	---	13
14	---	---	0B	10.7	B	0	0	0	0	0	0	---	---	14
15	---	---	0B	13.8	B	0	0	0	0	0	0	---	---	15
16	---	---	0B	6.81		0	0	0.064	0	0	0	---	---	16
17	---	---	0B	1.82		0	0	0.234	0	0	0	---	---	17
18	---	---	0B	0.899		0	0	0.196	0	0	0	---	---	18
19	---	---	0B	0.472		0	0	0.695	0	0	0	---	---	19
20	---	---	0B	0.327		0	0	0.440	0	0	0	---	---	20
21	---	---	0B	0.398		0	0	0.250	0	0	0	---	---	21
22	---	---	0B	0.263		0	0	0.108	0	0	0	---	---	22
23	---	---	0B	0.161		0	0	0.039	0	0	0	---	---	23
24	---	---	0B	0.095		0	0	0.014	0	0	0	---	---	24
25	---	---	0B	0.058		0	0	0.005	0	0	0	---	---	25
26	---	---	0B	0.032		0	0	0.003	0	0	0	---	---	26
27	---	---	0B	0.018A		0	0.046	0.002	0	0	0	---	---	27
28	---	---	0B	0.011		0.350	0.006	0.001	0	0	0	---	---	28
29	---		0B	0.005		2.49	0.005		0	0	0	---	---	29
30	---		0B	0.001		0.708	0.008	0	0	0	0	---	---	30
31	---		0B			0.338		0	0		0		---	31
TOTAL	---	---	0	43.832		3.868	0.819	2.250	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.46		0.125	0.027	0.073	0	0	0	---	---	MEAN
MAX	---	---	0	13.8		2.49	0.199	0.695	0	0	0	---	---	MAX
MIN	---	---	0	0		0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.207
MAXIMUM DAILY, 13.8B ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
14.7B AT 20:57 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 25 N
LONG 105 46 41 W
DRAINAGE AREA, 64.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	194
FEB	---	AUG	0
MAR	0	SEP	0
APR	3 798	OCT	0
MAY	334	NOV	---
JUN	70.8	DEC	---

TOTAL DISCHARGE, 4 390 dam³

LANIGAN CREEK ABOVE BOULDER LAKE - STATION NO. 05JJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	B	0.043	0.075E	0	0	0.110E	0.030E	0.004B	---	1
2	---	---	0B	0	B	0.035	0.059E	0.001	0	0.105E	0.022E	0.004B	---	2
3	---	---	0B	0	B	0.029	0.049E	0.001	0	0.100A	0.016E	0.004B	---	3
4	---	---	0B	0	B	0.023	0.036E	0.001	0.200E	0.086	0.012E	---	---	4
5	---	---	0B	0	B	0.018	0.028E	0	0.290E	0.082	0.010E	---	---	5
6	---	---	0B	0	B	0.014	0.022E	0	0.280E	0.085A	0.010E	---	---	6
7	---	---	0B	0	B	0.012	0.015E	0	0.270E	0.085A	0.010E	---	---	7
8	---	---	0B	0	B	0.013	0.009E	0	0.260E	0.081	0.010E	---	---	8
9	---	---	0B	0	B	0.011	0.005E	0	0.250E	0.077	0.010E	---	---	9
10	---	---	0B	0	B	0.009	0.004E	0	0.240E	0.075	0.010E	---	---	10
11	---	---	0B	0.005B		0.006	0.003E	0	0.230E	0.068	0.010E	---	---	11
12	---	---	0B	0.020B		0.004	0.003E	0	0.225E	0.066	0.010E	---	---	12
13	---	---	0B	0.173B		0.005	0.003E	0	0.215E	0.061	0.010E	---	---	13
14	---	---	0B	0.142B		0.004	0.003E	0	0.210E	0.052	0.010E	---	---	14
15	---	---	0B	0.133B		0.003	0.003E	0	0.200E	0.048	0.009E	---	---	15
16	---	---	0B	0.135B		0.003	0.002E	0	0.195E	0.047	0.009E	---	---	16
17	---	---	0B	0.144B		0.004	0.002E	0	0.190E	0.044	0.009E	---	---	17
18	---	---	0B	0.197		0.004A	0.002E	0	0.185E	0.042	0.009E	---	---	18
19	---	---	0B	0.238		0.003E	0.002E	0	0.175E	0.036	0.008E	---	---	19
20	---	---	0B	0.238		0.003E	0.002E	0	0.170E	0.034	0.008E	---	---	20
21	---	---	0B	0.218		0.003E	0.002E	0	0.166A	0.030	0.008E	---	---	21
22	---	---	0B	0.192		0.003E	0.002A	0	0.154	0.030	0.007E	---	---	22
23	---	---	0B	0.171		0.003E	0.002	0	0.140	0.027	0.007E	---	---	23
24	---	---	0B	0.153		0.003E	0.002	0	0.139	0.023	0.007E	---	---	24
25	---	---	0B	0.129		0.003E	0.002	0	0.138	0.020	0.006E	---	---	25
26	---	---	0B	0.113		0.003E	0.002	0	0.131	0.019	0.006E	---	---	26
27	---	---	0B	0.091		0.003E	0.002	0	0.132	0.019	0.006E	---	---	27
28	---	---	0B	0.073		0.004E	0.002	0	0.130	0.018	0.005B	---	---	28
29	---		0B	0.061		0.118E	0.001	0	0.125	0.044A	0.005B	---	---	29
30	---		0B	0.049		0.118E	0.001	0	0.119	0.044E	0.005B	---	---	30
31	---		0B			0.090E		0	0.116A		0.004B		---	31
TOTAL	---	---	0	2.675		0.597	0.345	0.003	5.375	1.670	0.398	---	---	TOTAL
MEAN	---	---	0	0.089		0.019	0.012	0	0.170	0.056	0.010	---	---	MEAN
MAX	---	---	0	0.238		0.118	0.075	0.001	0.290	0.110	0.030	---	---	MAX
MIN	---	---	0	0		0.003	0.001	0	0	0.019	0.004	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.044
MAXIMUM DAILY, 0.290E ON AUG 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.299A ON AUG 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 55 N
LONG 105 14 15 W
DRAINAGE AREA, 2 360 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8.28
FEB	---	AUG	494
MAR	0	SEP	169
APR	231	OCT	25.7
MAY	51.6	NOV	---
JUN	29.8	DEC	---

TOTAL DISCHARGE, 938 dam³

REMARKS - DATA PRIOR TO 1982 PUBLISHED AS "LANIGAN CREEK BELOW DIVERSION"

LANIGAN CREEK NEAR LANIGAN - STATION NO. 05JJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.062	0.150	0.093	1.12	0.002	0	---	---	1
2	---	---	0B	0 B	0.065	0.086	0.084	1.06	0.002	0	---	---	2
3	---	---	0B	0 B	0.068	0.039	0.083	0.975	0.002	0	---	---	3
4	---	---	0B	0 B	0.036	0.017	0.083	0.818	0.002	0	---	---	4
5	---	---	0B	0 B	0.018	0.013	0.083	0.836	0.002	0	---	---	5
6	---	---	0B	0 B	0.016	0.010	0.083	0.755	0.002	0	---	---	6
7	---	---	0B	0 B	0.013	0.009	0.082	0.664	0.002	0	---	---	7
8	---	---	0B	0 B	0.012	0.100	0.082	0.577	0.002	0	---	---	8
9	---	---	0B	0 B	0.011	0.176	0.082	0.515	0.001	0	---	---	9
10	---	---	0B	0 B	0.010	0.126	0.082	0.455	0.001	0	---	---	10
11	---	---	0B	0 B	0.009	0.086	0.082	0.391	0.001	0	---	---	11
12	---	---	0B	0.003B	0.009	0.062	0.001	0.364	0	0	---	---	12
13	---	---	0B	0.021B	0.009	0.055	0.001	0.334	0	0	---	---	13
14	---	---	0B	0.032B	0.008	0.040	0.002	0.287	0	0	---	---	14
15	---	---	0B	0.019B	0.007	0.035	0.005	0.239	0	0	---	---	15
16	---	---	0B	0.008B	0.006	0.052	0.005	0.198	0	0	---	---	16
17	---	---	0B	0.006B	0.006	0.040	0.004	0.150	0	0	---	---	17
18	---	---	0B	0.005B	0.005	0.026	0.006	0.109	0	0	---	---	18
19	---	---	0B	0.005B	0.005	0.017	0.005	0.059	0	0	---	---	19
20	---	---	0B	0.025	0.005	0.012	2.98	0.019	0	0	---	---	20
21	---	---	0B	0.257	0.005	0.009	3.75	0.010	0	0	---	---	21
22	---	---	0B	0.249	0.004	0.007	3.28	0.008	0	0	---	---	22
23	---	---	0B	0.152	0.005	0.007	2.85	0.007	0	0	---	---	23
24	---	---	0B	0.102	0.005	0.006	2.71	0.007	0	0	---	---	24
25	---	---	0B	0.070	0.005	0.006	2.44	0.006	0	0	---	---	25
26	---	---	0B	0.051	0.004	0.005	2.10	0.005	0	0	---	---	26
27	---	---	0B	0.045	0.004	0.005	1.84	0.004	0	0	---	---	27
28	---	---	0B	0.038	0.010	0.004	1.62	0.003	0	0	---	---	28
29	---		0B	0.031	0.261	0.004	1.47	0.002	0	0	---	---	29
30	---		0B	0.035	0.265	0.004	1.35	0.002	0	0	---	---	30
31	---		0B		0.231		1.26	0.002		0		---	31
TOTAL	---	---	0	1.165	1.157	1.320	27.530	10.073	0.019	0	---	---	TOTAL
MEAN	---	---	0	0.038	0.037	0.044	0.888	0.325	0.001	0	---	---	MEAN
MAX	---	---	0	0.257	0.265	0.180	3.75	1.12	0.002	0	---	---	MAX
MIN	---	---	0	0	0.004	0.004	0.001	0.002	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.160
MAXIMUM DAILY, 3.75 ON JUL 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.32 AT 10:39 CST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 50 16 N
LONG 104 58 53 W
DRAINAGE AREA, 587 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 380
FEB	---	AUG	870
MAR	0	SEP	1.64
APR	98.9	OCT	0
MAY	100	NOV	---
JUN	114	DEC	---

TOTAL DISCHARGE, 3 560 dam³

LARSEN RESERVOIR NEAR RADVILLE - STATION NO. 05NA006

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	626.590E	626.560E	626.530E	626.500E	631.381E	631.354A	631.187E	631.126	630.961	630.858	630.831	630.804E	1
2	---	---	---	626.500E	631.375E	631.351E	631.184E	631.120	630.954	630.861	630.831A	---	2
3	---	---	---	626.500E	631.370E	631.344E	631.176E	631.114	630.947	630.861	---	---	3
4	---	---	---	626.500E	631.365E	631.339E	631.167E	631.106	630.941	630.864	---	---	4
5	---	---	---	626.500E	631.358E	631.336E	631.160E	631.099	630.933	630.861	---	---	5
6	---	---	---	626.500E	631.355E	631.331E	631.150E	631.093	630.929	630.860	---	---	6
7	---	---	---	626.500E	631.349E	631.321E	631.144A	631.086	630.925	630.860	---	---	7
8	---	---	---	626.500E	631.346E	631.310E	631.103	631.079	630.920	630.858	---	---	8
9	---	---	---	626.500E	631.345E	631.309E	631.102	631.071	630.915	630.862	---	---	9
10	---	---	---	626.500E	631.353E	631.302E	631.102	631.063	630.912	630.859	---	---	10
11	---	---	---	626.000E	631.351E	631.297E	631.101	631.056	630.905	630.855	---	---	11
12	---	---	---	627.427A	631.348E	631.291E	631.137	631.049	630.901	630.853	---	---	12
13	---	---	---	628.200E	631.346E	631.286E	631.135	631.042	630.894	630.850	---	---	13
14	---	---	---	629.200E	631.343E	631.280E	631.136	631.036	630.886	630.850	---	---	14
15	---	---	---	630.400E	631.343E	631.275E	631.159	631.029	630.880	630.847	---	---	15
16	---	---	---	631.200E	631.340E	631.267E	631.170	631.023	630.877	630.846	---	---	16
17	---	---	---	631.400	631.351E	631.259E	631.183	631.017	630.872	630.845	---	---	17
18	---	---	---	631.400E	631.352E	631.253E	631.179	631.013	630.869	630.845	---	---	18
19	---	---	---	631.500E	631.350E	631.246E	631.175	631.011	630.868	630.845	---	---	19
20	---	---	---	631.500E	631.350A	631.237E	631.171	631.000	630.861	630.845	---	---	20
21	---	---	---	631.495E	631.349E	631.228E	631.168	631.006	630.857	630.844	---	---	21
22	---	---	---	631.487A	631.347E	631.223E	631.164	631.002	630.855	630.842	---	---	22
23	---	---	---	631.470E	631.347E	631.218E	631.161	630.998	630.851	630.840	---	---	23
24	---	---	---	631.458E	631.347E	631.210E	631.159	630.996	630.846	630.840	---	---	24
25	---	---	---	631.435E	631.344E	631.204E	631.156	630.992	630.843	630.839	---	---	25
26	---	---	---	631.420E	631.342E	631.197E	631.152	630.989	630.840	630.839	---	---	26
27	---	---	---	631.410E	631.337E	631.191E	631.149	630.982	630.841	630.838	---	---	27
28	---	626.530E	---	631.400E	631.343E	631.202E	631.147	630.976	630.843	630.839	---	---	28
29	---		---	631.392E	631.360E	631.201E	631.142	630.968	630.843	630.837	---	---	29
30	---		---	631.386A	631.362E	631.198E	631.138	630.988	630.859	630.836	630.804A	630.802A	30
31	626.560E		626.500E		631.359E		631.133	630.985		630.833		630.802E	31
MEAN	---	---	---	629.282	631.352	631.289	631.156	631.035	630.889	630.849	---	---	MEAN
MAX	---	---	---	631.500	631.381	631.354	631.187	631.126	630.961	630.864	---	---	MAX
MIN	---	---	---	626.500	631.337	631.191	631.133	630.985	630.840	630.833	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 631.500E ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 30 N
LONG 104 16 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAST MOUNTAIN LAKE AT ROWAN'S RAVINE - STATION NO. 05JM004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	489.620	489.638	489.645	489.671	490.509	490.747	490.739	490.740	490.617	490.486	490.358	490.225	1
2	489.623	489.635	489.644	489.671	490.529	490.741	490.752	490.737	490.609	490.498	490.352	490.229	2
3	489.622	489.635	489.646	489.671	490.548	490.744	490.752	490.740	490.608	490.497	490.343	490.229	3
4	489.625	489.636	489.644	489.671	490.561	490.746	490.748	490.740	490.614	490.500	490.323	490.226	4
5	489.622	489.635	489.640	489.669	490.569	490.751	490.742	490.744	490.593	490.489	490.297	490.222	5
6	489.621	489.639	489.643	489.670	490.592	490.765	490.755	490.739	490.594	490.478	490.328	490.217	6
7	489.624	489.637	489.646	489.673	490.591	490.757	490.749	490.742	490.586	490.474	490.318	490.212	7
8	489.621	489.637	489.645	489.671	490.596	490.749	490.747	490.738	490.588	490.481	490.318	490.208	8
9	489.623	489.636	489.647	489.677	490.605	490.762	490.746	490.714	490.591	490.485	490.297	490.210	9
10	489.621	489.637	489.652	489.677	490.612	490.758	490.745	490.688	490.584	490.471	490.295	490.203	10
11	489.624	489.638	489.651	489.681	490.609	490.761	490.743	490.680	490.574	490.462	490.324	490.200	11
12	489.624	489.640	489.653	489.689	490.614	490.759	490.745	490.693	490.581	490.464	490.282	490.208	12
13	489.623	489.639	489.654	489.701	490.630	490.764	490.739	490.692	490.571	490.456	490.285	490.200	13
14	489.631	489.642	489.657	489.731	490.640	490.763	490.729	490.693	490.554	490.459	490.277	490.195	14
15	489.625	489.642	489.656	489.758	490.640	490.761	490.739	490.686	490.539	490.450	490.280	490.192	15
16	489.624	489.642	489.658	489.787	490.638	490.771	490.741	490.683	490.547	490.438	490.276	490.189	16
17	489.631	489.642	489.664	489.832	490.632	490.766	490.747	490.674	490.535	490.447	490.266	490.191	17
18	489.629	489.641	489.664	489.893	490.631	490.768	490.735	490.682	490.545	490.441	490.270	490.187	18
19	489.627	489.644	489.664	489.950	490.638	490.773	490.743	490.681	490.531	490.428	490.266	490.184	19
20	489.631	489.643	489.663	490.005	490.635	490.761	490.745	490.683	490.525	490.416	490.264	490.180	20
21	489.630	489.644	489.664	490.062	490.643	490.763	490.732	490.673	490.518	490.413	490.309	490.181	21
22	489.632	489.646	489.663	490.127	490.645	490.764	490.732	490.671	490.524	490.403	490.264	490.184	22
23	489.632	489.646	489.666	490.190	490.647	490.776	490.750	490.662	490.523	490.403	490.261	490.182	23
24	489.635	489.645	489.664	490.248	490.655	490.760	490.747	490.661	490.509	490.403	490.240	490.177	24
25	489.637	489.644	489.667	490.299	490.651	490.761	490.743	490.652	490.503	490.397	490.235	490.175	25
26	489.639	489.646	489.663	490.347	490.669	490.761	490.742	490.653	490.514	490.396	490.233	490.176	26
27	489.636	489.644	489.662	490.388	490.675	490.759	490.743	490.627	490.504	490.397	490.233	490.172	27
28	489.637	489.645	489.660	490.423	490.728	490.757	490.748	490.621	490.522	490.392	490.231	490.168	28
29	489.637		489.674	490.452	490.755	490.753	490.740	490.623	490.519	490.385	490.230	490.166	29
30	489.635		489.669	490.483	490.751	490.742	490.741	490.601	490.505	490.368	490.228	490.166	30
31	489.637		489.667		490.756		490.747	490.617		490.355		490.166	31
MEAN	489.628	489.641	489.657	489.926	490.632	490.759	490.743	490.685	490.554	490.439	490.279	490.198	MEAN
MAX	489.639	489.646	489.674	490.483	490.756	490.776	490.755	490.744	490.617	490.500	490.358	490.229	MAX
MIN	489.620	489.635	489.640	489.669	490.509	490.741	490.729	490.601	490.503	490.355	490.228	490.166	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 490.265
MAXIMUM DAILY, 490.776 ON JUN 23
MINIMUM DAILY, 489.620 ON JAN 1
MAXIMUM INSTANTANEOUS,
490.915 AT 18:51 CST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 52 N
LONG 105 11 08 W

REGULATED

DRAINAGE AREA,
15 500 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET-UP

LAWRIE CREEK NEAR INSINGER - STATION NO. 05NB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.004B	0.013	0.100	0.001	0	0	0	---	---	1
2	---	---	0B	0.000B	0.006	0.070	0.001	0	0	0	---	---	2
3	---	---	0B	0.006B	0.006	0.050	0.001	0	0	0	---	---	3
4	---	---	0B	0.014B	0.004	0.030	0.001	0	0	0	---	---	4
5	---	---	0B	0.598B	0.007	0.020	0.001	0	0	0	---	---	5
6	---	---	0B	0.906B	0.007	0.011	0	0	0	0	---	---	6
7	---	---	0B	0.643B	0.003	0.005	0	0	0	0	---	---	7
8	---	---	0B	0.470B	0.003	0.003	0	0	0	0	---	---	8
9	---	---	0B	0.306B	0.003	0.003	0	0	0	0	---	---	9
10	---	---	0B	0.157B	0.003	0.002	0	0	0	0	---	---	10
11	---	---	0B	0.151B	0.003	0.002	0	0	0	0	---	---	11
12	---	---	0B	0.477B	0.003	0.001	0	0.002	0	0	---	---	12
13	---	---	0B	1.51 B	0.003	0.032	0	0.001	0	0	---	---	13
14	---	---	0B	2.20 B	0.003	0.052	0	0	0	0	---	---	14
15	---	---	0B	2.42 B	0.003	0.004	0	0	0	0	---	---	15
16	---	---	0B	2.18 B	0.008	0.003	0	0	0	0	---	---	16
17	---	---	0B	2.19 B	0.004	0.002	0.022	0	0	0	---	---	17
18	---	---	0B	2.11 B	0.002	0.001	0.002	0	0	0	---	---	18
19	---	---	0B	1.80 B	0.002	0.001	0	0	0	0	---	---	19
20	---	---	0B	1.40 B	0.002	0.001	0	0	0.002	0	---	---	20
21	---	---	0B	3.80	0.002	0.001	0	0	0.001	0	---	---	21
22	---	---	0B	1.54	0.002	0.001	0	0	0	0	---	---	22
23	---	---	0B	0.927	0.003	0.001	0	0	0	0	---	---	23
24	---	---	0B	0.625	0.008	0.001	0	0	0	0	---	---	24
25	---	---	0B	0.394	0.003	0.001	0	0	0	0	---	---	25
26	---	---	0B	0.241	0.026	0.001	0	0	0	0	---	---	26
27	---	---	0B	0.075	0.016	0.001	0	0	0	0	---	---	27
28	---	---	0B	0.013	0.187	0.001	0	0	0.002	0	---	---	28
29	---		0B	0.010	0.229	0.001	0	0	0.001	0	---	---	29
30	---		0B	0.035	0.253	0.001	0	0	0	0	---	---	30
31	---		0B		0.256		0	0		0		---	31
TOTAL	---	---	0	27.214	1.066	0.483	0.029	0.003	0.006	0	---	---	TOTAL
MEAN	---	---	0	0.907	0.034	0.013	0.001	0	0	0	---	---	MEAN
MAX	---	---	0	3.80	0.253	0.100	0.022	0.002	0.002	0	---	---	MAX
MIN	---	---	0	0.004	0.002	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.117
MAXIMUM DAILY, 3.80 ON APR 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.48 AT 14:00 CST ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 29 17 N
LONG 103 01 10 W
DRAINAGE AREA, 190 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.51
FEB	---	AUG	0.26
MAR	0	SEP	0.52
APR	2 356	OCT	0
MAY	92.1	NOV	---
JUN	34.8	DEC	---

TOTAL DISCHARGE, 2 480 dam³

LEATHER RIVER NEAR STAR CITY - STATION NO. 05KB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.485	0.129	0	0	0	0	0	---	1
2	---	---	0B	0 B	0.372	0.109	0	0	0	0	0	---	2
3	---	---	0B	0 B	0.301	0.095	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.239	0.092	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.195	0.096	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.168	0.102	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.137	0.103	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.096	0.103	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.088	0.099	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.073	0.094	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.066	0.081	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.056	0.077	0	0	0	0	---	---	12
13	---	---	0B	0 B	0.057	0.080	0	0	0	0	---	---	13
14	---	---	0B	0 B	0.065	0.072	0	0	0	0	---	---	14
15	---	---	0B	0.151B	0.061	0.065	0.001	0	0	0	---	---	15
16	---	---	0B	3.02 B	0.058	0.062	0.001	0	0	0	---	---	16
17	---	---	0B	5.78 B	0.054	0.058	0.001	0	0	0	---	---	17
18	---	---	0B	4.39 B	0.055	0.054	0.001	0	0	0	---	---	18
19	---	---	0B	3.20 B	0.053	0.047	0.001	0	0	0	---	---	19
20	---	---	0B	2.64 B	0.055	0.039	0.001	0	0	0	---	---	20
21	---	---	0B	2.41 B	0.059	0.033	0.001	0	0	0	---	---	21
22	---	---	0B	2.19 B	0.058	0.026	0.001	0	0	0	---	---	22
23	---	---	0B	1.84	0.058	0.029	0.001	0	0	0	---	---	23
24	---	---	0B	1.46	0.056	0.025	0.001	0	0	0	---	---	24
25	---	---	0B	1.20	0.056	0.022	0	0	0	0	---	---	25
26	---	---	0B	1.00	0.059	0.016	0	0	0	0	---	---	26
27	---	---	0B	0.848	0.047	0.009	0	0	0	0	---	---	27
28	---	---	0B	0.710	0.058	0.005	0	0	0	0	---	---	28
29	---		0B	0.595	0.101	0.002	0	0	0	0	---	---	29
30	---		0B	0.514	0.119	0	0	0	0	0	---	---	30
31	---		0B		0.131		0	0		0		---	31
TOTAL	---	---	0	31.900	3.467	1.824	0.010	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.06	0.112	0.061	0	0	0	0	---	---	MEAN
MAX	---	---	0	5.74	0.485	0.129	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0	0.047	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.152
MAXIMUM DAILY, 5.74B ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS
7.06B AT 13:30 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 50 32 N
LONG 104 14 24 W
DRAINAGE AREA, 165 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.86
FEB	---	AUG	0
MAR	0	SEP	0
APR	2 760	OCT	0
MAY	300	NOV	---
JUN	158	DEC	---

TOTAL DISCHARGE, 3 220 dam³

LEMORE LAKE NEAR MIDDLE LAKE - STATION NO. 05KA011

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	524.935E	525.069	524.974	525.048E	524.972	524.939E	524.927	---	1
2	---	---	---	---	524.935E	525.071	524.984E	525.050	524.972	524.939E	524.924E	---	2
3	---	---	---	---	524.935E	525.068	524.993	525.048E	524.972	524.938E	524.920E	---	3
4	---	---	---	---	524.935E	525.067	524.989E	525.045	524.970E	524.937E	524.917	---	4
5	---	---	---	---	524.941	525.065	524.984	525.044E	524.968E	524.937E	---	---	5
6	---	---	---	---	524.948E	525.065E	524.986E	525.043	524.965E	524.936E	---	---	6
7	---	---	---	---	524.955E	525.065E	524.987	525.040E	524.963E	524.936E	---	---	7
8	---	---	---	---	524.962E	525.064	524.988	525.036E	524.961E	524.935	---	---	8
9	---	---	---	---	524.970E	525.060	524.984	525.033	524.959E	524.935E	---	---	9
10	---	---	---	---	524.977E	525.053	524.997E	525.029E	524.956E	524.934E	---	---	10
11	---	---	---	---	524.984E	525.051	525.011E	525.026E	524.954E	524.933E	---	---	11
12	---	---	---	---	524.991E	525.048	525.024E	525.023	524.952E	524.933E	---	---	12
13	---	---	---	---	524.998	525.048E	525.037E	525.019E	524.950E	524.932	---	---	13
14	---	---	---	---	525.003E	525.048	525.050E	525.015E	524.947E	524.932E	---	---	14
15	---	---	---	---	525.007E	525.046	525.064	525.011E	524.945	524.931E	---	---	15
16	---	---	---	---	525.012E	525.036	525.064E	525.007E	524.945E	524.930E	---	---	16
17	---	---	---	---	525.016	525.027	525.064	525.003	524.944E	524.929E	---	---	17
18	---	---	---	---	525.019E	525.024	525.063E	524.988	524.944E	524.928E	---	---	18
19	---	---	---	---	525.023	524.985	525.063E	524.985E	524.944E	524.927E	---	---	19
20	---	---	---	---	525.022	524.986E	525.063	524.982	524.943E	524.926	---	---	20
21	---	---	---	---	525.023E	524.987	525.055	524.982E	524.943E	524.924E	---	---	21
22	---	---	---	---	525.025	524.976	525.052E	524.982E	524.943	524.922	---	---	22
23	---	---	---	---	525.027	524.987	525.048	524.981E	524.942E	524.921E	---	---	23
24	---	---	---	---	525.027	524.978	525.052	524.981E	524.942E	524.920E	---	---	24
25	---	---	---	---	525.033E	524.977	525.053E	524.980E	524.942E	524.918	---	---	25
26	---	---	---	---	525.038E	524.975E	525.053E	524.980E	524.941E	524.918E	---	---	26
27	---	---	---	---	525.044E	524.974E	525.053	524.980E	524.941E	524.917E	---	---	27
28	---	---	---	---	525.050E	524.973E	525.051E	524.979E	524.941E	524.917	---	---	28
29	---		---	---	525.056E	524.972	525.049	524.979E	524.940	524.919E	---	---	29
30	---		---	---	525.061	524.975	525.045	524.978E	524.940E	524.922E	---	---	30
31	---		---		525.067		525.047E	524.978		524.924E		---	31
MEAN	---	---	---	---	525.001	525.024	525.038	525.008	524.951	524.929	---	---	MEAN
MAX	---	---	---	---	525.067	525.071	525.064	525.050	524.972	524.939	---	---	MAX
MIN	---	---	---	---	524.935	524.970	524.974	524.978	524.940	524.917	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 525.071 ON JUN 2

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 33 N
LONG 105 00 52 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LEWIS CREEK NEAR IMPERIAL - STATION NO. 05JH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0	0E	0	0	0	0	---	---	1
2	---	---	0B	0 B	0	0E	0	0	0	0	---	---	2
3	---	---	0B	0 B	0	0E	0	0	0	0	---	---	3
4	---	---	0B	0 B	0	0E	0	0	0	0	---	---	4
5	---	---	0B	0 B	0	0E	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0E	0	0	0	0	---	---	6
7	---	---	0B	0 B	0	0E	0	0	0	0	---	---	7
8	---	---	0B	0 B	0	0E	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0E	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0 B	0	0	0	0	0	0	---	---	12
13	---	---	0B	3.28 B	0	0	0	0	0	0	---	---	13
14	---	---	0B	3.51	0	0	0	0	0	0	---	---	14
15	---	---	0B	2.37	0	0	0	0	0	0	---	---	15
16	---	---	0B	1.12	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.584	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.230	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.136	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.088	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.069	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.058	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.048	0	0	0.001	0	0	0	---	---	23
24	---	---	0B	0.035	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.025	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.019	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.011	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.007	0	0	0	0	0	0	---	---	28
29	---		0B	0.002	0.053A	0	0	0	0	0	---	---	29
30	---		0B	0	0.040E	0	0	0	0	0	---	---	30
31	---		0B		0.007E		0	0		0		---	31
TOTAL	---	---	0	11.512	0.100	0	0.001	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.384	0.003	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	3.51	0.053	0	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.047
MAXIMUM DAILY, 3.51 ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
7.65B AT 11:40 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 18 02 N
LONG 105 22 52 W
DRAINAGE AREA, 572 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.09
FEB	---	AUG	0
MAR	0	SEP	0
APR	995	OCT	0
MAY	8.64	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 000 dam³

LIGHTNING CREEK NEAR CARNDUFF - STATION NO. 05HF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.070	0.003	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.053	0.002	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.031	0.002	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.022	0.001	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.016	0.001	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.013	0.002	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.012	0.003	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.010	0.001	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.011	0.002	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.016	0.001	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.014	0.001	0	0	0	0	---	---	11
12	---	---	0B	0.003B	0.014	0.001	0	0	0	0	---	---	12
13	---	---	0B	5.73 B	0.011	0.001	0	0	0	0	---	---	13
14	---	---	0B	17.3 B	0.008	0.001	0	0	0	0	---	---	14
15	---	---	0B	7.31 B	0.009	0.001	0.003	0	0	0	---	---	15
16	---	---	0B	6.14 B	0.011	0	0.002	0	0	0	---	---	16
17	---	---	0B	5.63 B	0.018	0	0.001	0	0	0	---	---	17
18	---	---	0B	4.86	0.025	0	0.001	0	0	0	---	---	18
19	---	---	0B	3.88	0.019	0	0.001	0	0	0	---	---	19
20	---	---	0B	1.86	0.013	0	0	0	0	0	---	---	20
21	---	---	0B	1.27	0.011	0	0	0	0	0	---	---	21
22	---	---	0B	0.939	0.009	0	0	0	0	0	---	---	22
23	---	---	0B	0.701	0.008	0	0	0	0	0	---	---	23
24	---	---	0B	0.527	0.009	0	0	0	0	0	---	---	24
25	---	---	0B	0.378	0.007	0	0	0	0	0	---	---	25
26	---	---	0B	0.281	0.006	0	0	0	0	0	---	---	26
27	---	---	0B	0.216	0.005	0	0	0	0	0	---	---	27
28	---	---	0B	0.166	0.004	0	0	0	0	0	---	---	28
29	---		0B	0.118	0.004	0	0	0	0	0	---	---	29
30	---		0B	0.087	0.004	0	0	0	0	0	---	---	30
31	---		0B		0.004		0	0		0		---	31
TOTAL	---	---	0	55.705	0.467	0.023	0.008	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.86	0.015	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0	17.3	0.070	0.003	0.003	0	0	0	---	---	MAX
MIN	---	---	0	0	0.004	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.329
MAXIMUM DAILY, 17.3B ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
21.0B AT 02:36 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 17 N
LONG 101 43 08 W
DRAINAGE AREA, 748 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.69
FEB	---	AUG	0
MAR	0	SEP	0
APR	4 818	OCT	0
MAY	48.3	NOV	---
JUN	1.99	DEC	---

TOTAL DISCHARGE, 4 850 dam³

LILIAN RIVER NEAR LADY LAKE - STATION NO. 05NC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.035B	0.009B	0.153	0.094	0.028	0.078	0.027	0.049	0.044	---	1
2	---	---	0.034B	0.008B	0.198	0.074	0.036	0.068	0.030	0.048	0.043A	---	2
3	---	---	0.033B	0.008B	0.077	0.078	0.051	0.047	0.032	0.041	---	---	3
4	---	---	0.032B	0.008B	0.073	0.071	0.043	0.053	0.029	0.040	---	---	4
5	---	---	0.032B	0.008B	0.058	0.205	0.056	0.043	0.018	0.041	---	---	5
6	---	---	0.031B	0.008B	0.050	0.517	0.041	0.050	0.023	0.049	---	---	6
7	---	---	0.030B	0.008B	0.050	0.301	0.026	0.062	0.024	0.053	---	---	7
8	---	---	0.029B	0.083B	0.052	0.220	0.021	0.046	0.015	0.047	---	---	8
9	---	---	0.029B	0.073B	0.050	0.160	0.020	0.032	0.012	0.043	---	---	9
10	---	---	0.028B	0.077B	0.044	0.137	0.020	0.025	0.014	0.040	---	---	10
11	---	---	0.028B	0.100B	0.036	0.121	0.021	0.016	0.022	0.039	---	---	11
12	---	---	0.027B	0.053B	0.036	0.086	0.020	0.029	0.013	0.039	---	---	12
13	---	---	0.027B	0.213B	0.036	0.087	0.019	0.033	0.015	0.040	---	---	13
14	---	---	0.026B	0.714B	0.060	0.079	0.019	0.019	0.018	0.041	---	---	14
15	---	---	0.025B	1.36 B	0.078	0.071	0.018	0.024	0.015	0.039	---	---	15
16	---	---	0.025B	3.08 B	0.044	0.065	0.018	0.020	0.011	0.037	---	---	16
17	---	---	0.059B	3.27 B	0.044	0.076	0.067	0.030	0.010	0.038	---	---	17
18	---	---	0.070B	2.48 B	0.026	0.065	0.064	0.029	0.015	0.042	---	---	18
19	---	---	0.035B	1.85 B	0.021	0.079	0.072	0.018	0.014	0.093	---	---	19
20	---	---	0.022B	1.49 B	0.019	0.084	0.094	0.017	0.017	0.137	---	---	20
21	---	---	0.020B	1.32 B	0.031	0.082	0.073	0.019	0.013	0.232	---	---	21
22	---	---	0.018B	1.13 B	0.029	0.074	0.058	0.026	0.013	0.080	---	---	22
23	---	---	0.017B	0.933B	0.027	0.077	0.050	0.025	0.015	0.059	---	---	23
24	---	0.040B	0.015B	0.975B	0.039	0.070	0.038	0.027	0.011	0.068	---	---	24
25	---	0.039B	0.014B	0.880B	0.038	0.056	0.029	0.032	0.014	0.051	---	---	25
26	---	0.038B	0.013B	0.549	0.052	0.060	0.033	0.034	0.021	0.042	---	---	26
27	---	0.037B	0.012B	0.434	0.042	0.047	0.061	0.026	0.022	0.039	---	---	27
28	---	0.036B	0.011B	0.340	0.044	0.042	0.060	0.015	0.045	0.033	---	---	28
29	---		0.010B	0.243	0.077	0.027	0.062	0.021	0.078	0.035	---	---	29
30	---		0.010B	0.193	0.105	0.029	0.049	0.015	0.062	0.038	---	---	30
31	---		0.009B		0.110		0.034	0.019		0.043		---	31
TOTAL	---	---	0.806	21.897	1.709	3.234	1.301	0.988	0.668	1.716	---	---	TOTAL
MEAN	---	---	0.026	0.730	0.055	0.108	0.042	0.032	0.022	0.055	---	---	MEAN
MAX	---	---	0.070	3.27	0.153	0.517	0.094	0.078	0.078	0.232	---	---	MAX
MIN	---	---	0.009	0.008	0.019	0.027	0.018	0.015	0.010	0.033	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.132
MAXIMUM DAILY, 3.27B ON APR 17
MINIMUM DAILY, 0.008B ON APR 2
MAXIMUM INSTANTANEOUS,
3.92B AT 21:40 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 01 22 N
LONG 102 37 38 W
DRAINAGE AREA, 220 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	112
FEB	---	AUG	85.4
MAR	69.6	SEP	57.7
APR	1 890	OCT	148
MAY	148	NOV	---
JUN	279	DEC	---

TOTAL DISCHARGE, 2 790 dam³

LITTLE BEAR LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KF002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	620.236E	620.164	620.109	---	---	---	---	1
2	---	---	---	---	---	620.235E	620.167E	620.116E	---	---	---	---	2
3	---	---	---	---	---	620.233	620.170	620.122	---	---	---	---	3
4	---	---	---	---	---	620.234E	620.168E	620.122E	---	---	---	---	4
5	---	---	---	---	---	620.235	620.166E	620.122E	---	---	---	---	5
6	---	---	---	---	---	620.237E	620.165	620.122	---	---	---	---	6
7	---	---	---	---	---	620.239E	620.163E	620.121E	---	---	---	---	7
8	---	---	---	---	---	620.241E	620.161E	620.120E	---	---	---	---	8
9	---	---	---	---	---	620.243E	620.159	620.119	---	---	---	---	9
10	---	---	---	---	---	620.245	620.156E	620.119E	---	---	---	---	10
11	---	---	---	---	---	620.245	620.149	620.119E	---	---	---	---	11
12	---	---	---	---	---	620.243	620.148	620.119	---	---	---	---	12
13	---	---	---	---	---	620.242	620.154E	620.135	---	---	---	---	13
14	---	---	---	---	---	620.241	620.160E	620.143E	---	---	---	---	14
15	---	---	---	---	---	620.237E	620.166	620.150	---	---	---	---	15
16	---	---	---	---	---	620.233E	620.162	620.146	---	---	---	---	16
17	---	---	---	---	---	620.229	620.159E	620.145E	---	---	---	---	17
18	---	---	---	---	---	620.229	620.156E	620.144E	---	---	---	---	18
19	---	---	---	---	---	620.221E	620.152	620.143E	---	620.116	---	---	19
20	---	---	---	---	---	620.213	620.148E	620.142	---	620.109	---	---	20
21	---	---	---	---	---	620.210E	620.143E	620.141E	---	---	---	---	21
22	---	---	---	---	---	620.208E	620.139E	620.140	---	---	---	---	22
23	---	---	---	---	---	620.205E	620.134E	620.138E	---	---	---	---	23
24	---	---	---	---	---	620.202E	620.129	620.136E	---	---	---	---	24
25	---	---	---	---	---	620.200	620.127E	620.134E	---	---	---	---	25
26	---	---	---	---	---	620.196E	620.126	620.133E	---	---	---	---	26
27	---	---	---	---	---	620.193	620.121E	620.131	---	---	---	---	27
28	---	---	---	---	---	620.188	620.118E	620.125E	---	---	---	---	28
29	---		---	---	---	620.180E	620.115E	620.119E	---	---	---	---	29
30	---		---	---	---	620.172E	620.112	620.113	---	---	---	---	30
31	---		---		620.338		620.110	620.110E		---		---	31
MEAN	---	---	---	---	---	620.223	620.147	620.129	---	---	---	---	MEAN
MAX	---	---	---	---	---	620.245	620.170	620.150	---	---	---	---	MAX
MIN	---	---	---	---	---	620.172	620.110	620.109	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 17 39 N
LONG 104 40 33 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LITTLE BRIDGE CREEK NEAR ARNLYY - STATION NO. 05KB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.188	0.405	0.039	0	0	0	---	---	1
2	---	---	0B	0 B	0.163	0.353	0.038	0	0	0	---	---	2
3	---	---	0B	0 B	0.071	0.287	0.052	0	0	0	---	---	3
4	---	---	0B	0 B	0.024	0.243	0.044	0	0	0	---	---	4
5	---	---	0B	0 B	0.041	0.220	0.031	0	0	0	---	---	5
6	---	---	0B	0 B	0.049	0.186	0.060	0	0	0	---	---	6
7	---	---	0B	0 B	0.050	0.175	0.072	0	0	0	---	---	7
8	---	---	0B	0 B	0.058	0.159	0.067	0	0	0	---	---	8
9	---	---	0B	0 B	0.067	0.137	0.063	0	0	0	---	---	9
10	---	---	0B	0 B	0.061	0.126	0.057	0	0	0	---	---	10
11	---	---	0B	0 B	0.056	0.105	0.085	0	0	0	---	---	11
12	---	---	0B	0 B	0.043	0.087	0.037	0	0	0	---	---	12
13	---	---	0B	0 B	0.049	0.088	0.031	0	0	0	---	---	13
14	---	---	0B	0.001B	0.044	0.111	0.045	0	0	0	---	---	14
15	---	---	0B	0.050B	0.040	0.111	0.068	0	0	0	---	---	15
16	---	---	0B	2.44 B	0.047	0.105	0.044	0	0	0	---	---	16
17	---	---	0B	6.44 B	0.044	0.102	0.027	0	0	0	---	---	17
18	---	---	0B	5.23	0.050	0.093	0.016	0	0	0	---	---	18
19	---	---	0B	4.02	0.052	0.079	0.010	0	0	0	---	---	19
20	---	---	0B	2.91	0.047	0.068	0.005	0	0	0	---	---	20
21	---	---	0B	2.02	0.036	0.060	0	0	0	0	---	---	21
22	---	---	0B	1.54	0.035	0.052	0	0	0	0	---	---	22
23	---	---	0B	1.15	0.043	0.054	0	0	0	0	---	---	23
24	---	---	0B	0.927	0.071	0.045	0	0	0	0	---	---	24
25	---	---	0B	0.794	0.071	0.040	0	0	0	0	---	---	25
26	---	---	0B	0.651	0.079	0.057	0	0	0	0	---	---	26
27	---	---	0B	0.502	0.089	0.070	0	0	0	0	---	---	27
28	---	---	0B	0.416	0.117	0.066	0	0	0	0	---	---	28
29	---		0B	0.335	0.238	0.058	0	0	0	0	---	---	29
30	---		0B	0.266	0.382	0.046	0	0	0	0	---	---	30
31	---		0B		0.415		0	0		0		---	31
TOTAL	---	---	0	29.692	2.820	3.788	0.851	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.990	0.091	0.126	0.027	0	0	0	---	---	MEAN
MAX	---	---	0	6.44	0.415	0.405	0.072	0	0	0	---	---	MAX
MIN	---	---	0	0	0.024	0.040	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.152
MAXIMUM DAILY, 6.44B ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.39B AT 02:19 CST ON APR 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 28 N
LONG 104 10 17 W
DRAINAGE AREA, 87.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	73.5
FEB	---	AUG	0
MAR	0	SEP	0
APR	2 570	OCT	0
MAY	244	NOV	---
JUN	327	DEC	---

TOTAL DISCHARGE, 3 210 dam³

LITTLE MANITOU LAKE AT MANITOU BEACH - STATION NO. 05JJ001

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	493.846E	493.786	---	493.771	493.965E	494.039	493.963E	493.945E	493.845E	493.814	493.792E	493.773E	1
2	493.846E	---	---	493.784E	493.965E	494.037E	493.963E	493.943E	493.845E	493.813E	493.792E	493.773	2
3	493.846E	---	---	493.798E	493.965	494.036E	493.964E	493.941E	493.846E	493.812E	493.791E	493.773E	3
4	493.846	---	---	493.812E	493.965E	494.035E	493.964E	493.939E	493.847E	493.811E	493.790E	493.774E	4
5	493.843E	---	---	493.826E	493.966E	494.034E	493.964E	493.937	493.848E	493.810E	493.790E	493.774E	5
6	493.841E	---	---	493.840E	493.967E	494.032E	493.965	493.932E	493.849E	493.810E	493.789E	493.774E	6
7	493.839E	---	---	493.854E	493.967E	494.031E	493.967E	493.927E	493.849E	493.809E	493.788E	493.774E	7
8	493.836E	---	---	493.868E	493.968E	494.030E	493.970E	493.922E	493.850E	493.808E	493.788E	493.775E	8
9	493.835E	---	---	493.882E	493.969E	494.029E	493.973E	493.917E	493.851	493.807E	493.787E	493.775E	9
10	493.832E	---	---	493.896E	493.969E	494.027E	493.976E	493.911E	493.847E	493.806E	493.786E	493.775E	10
11	493.829E	---	---	493.910E	493.970E	494.026E	493.978E	493.906E	493.843E	493.805E	493.785E	493.776E	11
12	493.826	---	---	493.924E	493.971E	494.025E	493.981E	493.901	493.840E	493.804E	493.785E	493.776E	12
13	493.823E	---	---	493.938E	493.971	494.023E	493.984E	493.898E	493.836E	493.803E	493.784E	493.776E	13
14	493.820E	---	---	493.952E	493.969E	494.022	493.987E	493.895E	493.832E	493.803E	493.783E	493.776E	14
15	493.817E	---	---	493.966E	493.968E	494.023E	493.989E	493.892E	493.828E	493.802E	493.783E	493.777E	15
16	493.814E	---	493.754	493.980	493.966E	494.024E	493.992	493.888E	493.824E	493.801E	493.782E	493.777E	16
17	493.812E	---	---	493.979E	493.964	494.024E	493.990E	493.885E	493.820E	493.800E	493.781E	493.777E	17
18	493.810E	---	---	493.978E	493.967E	494.025	493.988E	493.882E	493.817E	493.799	493.781E	493.778E	18
19	493.808E	---	---	493.977E	493.969E	494.026E	493.986E	493.879E	493.813E	493.797E	493.780	493.778E	19
20	493.806E	---	---	493.976E	493.972E	494.015E	493.984E	493.875E	493.809	493.795E	493.779E	493.778E	20
21	493.804E	---	---	493.975E	493.974	494.010E	493.981E	493.872E	493.810E	493.793E	493.779E	493.778E	21
22	493.802E	---	---	493.973E	493.974E	494.004E	493.979E	493.869E	493.810E	493.792E	493.778E	493.779E	22
23	493.800E	---	---	493.972E	493.974E	493.999E	493.977	493.866E	493.811E	493.790E	493.777E	493.779E	23
24	493.798E	---	---	493.971E	493.974E	493.994E	493.973E	493.862E	493.811E	493.788E	493.777E	493.779E	24
25	493.796E	---	---	493.970E	493.974	493.989E	493.969E	493.859E	493.812E	493.786	493.776E	493.780E	25
26	493.794E	---	---	493.969E	493.985E	493.984E	493.965E	493.856E	493.812E	493.787E	493.776E	493.780E	26
27	493.792E	---	---	493.968E	493.995E	493.978E	493.961E	493.853E	493.813E	493.788E	493.775E	493.780E	27
28	493.790E	---	---	493.967E	494.006E	493.973E	493.958E	493.849E	493.813E	493.790E	493.774E	493.780E	28
29	493.788E		---	493.966E	494.017E	493.968E	493.954E	493.846E	493.814E	493.791E	493.774E	493.781E	29
30	493.786		---	493.965	494.028E	493.963	493.950	493.843	493.814	493.792E	493.773	493.781	30
31	493.786E		---		494.039		493.948E	493.844E		493.793		493.793E	31
MEAN	493.816	---	---	493.928	493.977	494.014	493.972	493.891	493.829	493.800	493.783	493.777	MEAN
MAX	493.846	---	---	493.980	494.039	494.039	493.992	493.945	493.851	493.814	493.792	493.793	MAX
MIN	493.786	---	---	493.771	493.964	493.963	493.948	493.843	493.809	493.786	493.773	493.773	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 02 45 N
LONG 105 23 38 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LITTLE QUILL LAKE NEAR WYNYARD - STATION NO. 05HA002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	518.047E	517.945E	517.883E	517.782	517.772E	517.736	---	1
2	---	---	---	---	---	518.043E	517.941E	517.880E	517.785E	517.772E	517.736	---	2
3	---	---	---	---	---	518.039E	517.937E	517.876E	517.788E	517.772E	---	---	3
4	---	---	---	---	---	518.034E	517.933E	517.873E	517.791E	517.772	---	---	4
5	---	---	---	---	---	518.030E	517.929	517.869E	517.794	517.771E	---	---	5
6	---	---	---	---	---	518.025	517.926E	517.866E	517.796	517.771E	---	---	6
7	---	---	---	---	---	518.025E	517.924E	517.862	517.796E	517.770	---	---	7
8	---	---	---	---	---	518.025E	517.921E	517.857E	517.796E	517.769E	---	---	8
9	---	---	---	---	---	518.025E	517.919E	517.852E	517.796	517.768E	---	---	9
10	---	---	---	---	---	518.025E	517.916E	517.848E	517.793E	517.768E	---	---	10
11	---	---	---	---	---	518.025	517.913E	517.843E	517.789E	517.767E	---	---	11
12	---	---	---	---	518.012	518.020E	517.911E	517.838E	517.785E	517.766	---	---	12
13	---	---	---	---	518.017E	518.015E	517.908	517.833E	517.782E	517.766E	---	---	13
14	---	---	---	---	518.022E	518.011	517.913E	517.828E	517.778	517.766E	---	---	14
15	---	---	---	---	518.028E	518.007E	517.917E	517.823	517.776	517.766	---	---	15
16	---	---	---	---	518.033	518.004E	517.921E	517.822E	517.774E	517.761E	---	---	16
17	---	---	---	---	518.033	518.000E	517.926	517.822E	517.772E	517.757E	---	---	17
18	---	---	---	---	518.034E	517.997E	517.922	517.821E	517.770E	517.752E	---	---	18
19	---	---	---	---	518.036E	517.993E	517.900	517.820E	517.768E	517.747E	---	---	19
20	---	---	---	---	518.037E	517.990E	517.914E	517.819E	517.766	517.742E	---	---	20
21	---	---	---	---	518.038E	517.986	517.928	517.818E	517.766E	517.738E	---	---	21
22	---	---	---	---	518.040E	517.982E	517.921E	517.817	517.767E	517.733E	---	---	22
23	---	---	---	---	518.041E	517.978E	517.915E	517.813E	517.767E	517.728	---	---	23
24	---	---	---	---	518.042E	517.974E	517.909E	517.809E	517.768E	517.730E	---	---	24
25	---	---	---	---	518.044E	517.970E	517.903E	517.805E	517.768	517.731E	---	---	25
26	---	---	---	---	518.045E	517.966E	517.897	517.801E	517.770E	517.733E	---	---	26
27	---	---	---	---	518.046E	517.962E	517.895E	517.798E	517.772E	517.734E	---	---	27
28	---	---	---	---	518.048E	517.957E	517.893E	517.794E	517.778E	517.736	---	---	28
29	---		---	---	518.049E	517.953E	517.891E	517.790E	517.776	517.736E	---	---	29
30	---		---	---	518.050E	517.949E	517.889E	517.786E	517.772	517.736E	---	---	30
31	---		---		518.052		517.887	517.782		517.736		---	31
MEAN	---	---	---	---	---	518.002	517.915	517.831	517.779	517.754	---	---	MEAN
MAX	---	---	---	---	---	518.047	517.945	517.883	517.796	517.772	---	---	MAX
MIN	---	---	---	---	---	517.949	517.887	517.782	517.766	517.728	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 518.052 ON MAY 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 52 54 N
LONG 104 08 14 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - RECORDS PRIOR TO 1979 COLLECTED IN SE35-34-16-W2

LODGE CREEK BELOW MCRAE CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	1.80	11.5	0.169	0	0	0	---	---	1
2	---	---	0B	0 B	1.41	8.68	0.155	0.001	0	0	---	---	2
3	---	---	0B	0 B	0.457	9.88	0.138	0.001	0	0	---	---	3
4	---	---	0B	0 B	0.268	7.59	0.125	0	0	0	---	---	4
5	---	---	0B	0 B	0.180	5.40	0.120	0	0	0	---	---	5
6	---	---	0B	0 B	0.158	4.96	0.118	0	0	0	---	---	6
7	---	---	0B	0 B	0.150	3.92	0.100	0	0	0	---	---	7
8	---	---	0B	0 B	0.300	2.89	0.098	0	0	0	---	---	8
9	---	---	0B	0 B	0.900	1.73	0.107	0	0	0	---	---	9
10	---	---	0B	0 B	0.650	0.717	0.100	0	0	0	---	---	10
11	---	---	0B	0.005B	0.622	0.539	0.080	0	0	0	---	---	11
12	---	---	0B	0.410B	0.609	0.486	0.077	0	0	0	---	---	12
13	---	---	0B	4.28 B	0.596	0.555	0.069	0	0	0	---	---	13
14	---	---	0B	6.54	0.579	0.539	0.055	0	0	0	---	---	14
15	---	---	0B	4.96	0.543	0.447	0.042	0	0	0	---	---	15
16	---	---	0B	6.70	0.567	0.407	0.041	0	0	0	---	---	16
17	---	---	0B	9.84	0.520	0.360	0.041	0	0	0	---	---	17
18	---	---	0B	11.6	0.505	0.323	0.037	0	0	0	---	---	18
19	---	---	0B	5.45	0.583	0.298	0.028	0	0	0	---	---	19
20	---	---	0B	2.73	0.527	0.260	0.020	0	0	0	---	---	20
21	---	---	0B	1.62	0.383	0.237	0.019	0	0	0	---	---	21
22	---	---	0B	2.67	0.400	0.207	0.016	0	0	0	---	---	22
23	---	---	0B	2.88	0.800	0.187	0.009	0	0	0	---	---	23
24	---	---	0B	20.2	1.50	0.174	0.008	0	0	0	---	---	24
25	---	---	0B	31.1	1.35	0.167	0.007	0	0	0	---	---	25
26	---	---	0B	22.5	1.08	0.162	0.005	0	0	0	---	---	26
27	---	---	0B	10.5	0.980	0.163	0.002	0	0	0	---	---	27
28	---	---	0B	6.16	0.950	0.163	0.001	0	0	0	---	---	28
29	---		0B	4.38	1.50	0.187	0.001	0	0	0	---	---	29
30	---		0B	3.35	6.00	0.185	0	0	0	0	---	---	30
31	---		0B		10.0		0	0		0		---	31
TOTAL	---	---	0	157.675	36.707	63.311	1.788	0.002	0	0	---	---	TOTAL
MEAN	---	---	0	5.26	1.18	2.11	0.058	0	0	0	---	---	MEAN
MAX	---	---	0	31.1	10.0	11.5	0.169	0.001	0	0	---	---	MAX
MIN	---	---	0	0	0.150	0.162	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.06
MAXIMUM DAILY, 31.1 ON APR 25
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
32.5 AT 10:30 CST ON APR 25

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 20 N
LONG 109 43 00 W
DRAINAGE AREA, 3 140 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	154
FEB	---	AUG	0.17
MAR	0	SEP	0
APR	13 600	OCT	0
MAY	3 170	NOV	---
JUN	5 470	DEC	---

TOTAL DISCHARGE, 22 400 dam³

LODGE CREEK NEAR ALBERTA BOUNDARY - STATION NO. 11AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	2.84	9.18	0.033	0	0	0	---	---	1
2	---	---	0B	0 B	2.18	10.7	0.023	0	0	0	---	---	2
3	---	---	0B	0 B	2.05	7.67	0.014	0	0	0	---	---	3
4	---	---	0B	0 B	2.04	5.94	0.010	0	0	0	---	---	4
5	---	---	0B	0 B	1.53	6.30	0.010	0	0	0	---	---	5
6	---	---	0B	0 B	1.12	4.60	0.010	0	0	0	---	---	6
7	---	---	0B	0 B	0.838	3.17	0.009	0	0	0	---	---	7
8	---	---	0B	0 B	0.831	2.26	0.010	0	0	0	---	---	8
9	---	---	0B	0 B	0.785	1.65	0.009	0	0	0	---	---	9
10	---	---	0B	0 B	0.763	1.30	0.007	0	0	0	---	---	10
11	---	---	0B	0 B	0.692	1.07	0.005	0	0	0	---	---	11
12	---	---	0B	0 B	0.651	0.882	0.005	0	0	0	---	---	12
13	---	---	0B	0 B	0.508	0.763	0.005	0	0	0	---	---	13
14	---	---	0B	0.638B	0.403	0.682	0.005	0	0	0	---	---	14
15	---	---	0B	0.908B	0.379	0.612	0.003	0	0	0	---	---	15
16	---	---	0B	2.27 B	0.371	0.541	0.003	0	0	0	---	---	16
17	---	---	0B	7.46 B	0.350	0.499	0.004	0	0	0	---	---	17
18	---	---	0B	9.34	0.299	0.361	0.003	0	0	0	---	---	18
19	---	---	0B	7.28	3.26	0.350	0.001	0	0	0	---	---	19
20	---	---	0B	5.49	7.80	0.348	0	0	0	0	---	---	20
21	---	---	0B	7.65	3.25	0.288	0	0	0	0	---	---	21
22	---	---	0B	14.0	1.55	0.236	0	0	0	0	---	---	22
23	---	---	0B	27.0	0.924	0.196	0	0	0	0	---	---	23
24	---	---	0B	33.8	0.652	0.144	0	0	0	0	---	---	24
25	---	---	0B	22.6	0.494	0.047	0	0	0	0	---	---	25
26	---	---	0B	9.17	0.391	0.036	0	0	0	0	---	---	26
27	---	---	0B	5.49	0.382	0.027	0	0	0	0	---	---	27
28	---	---	0B	5.10	0.408	0.022	0	0	0	0	---	---	28
29	---		0B	4.67	1.35	0.079	0	0	0	0	---	---	29
30	---		0B	4.11	4.10	0.049	0	0	0	0	---	---	30
31	---		0B		4.77		0	0		0		---	31
TOTAL	---	---	0	166.976	67.951	60.002	0.169	0	0	0	---	---	TOTAL
MEAN	---	---	0	5.57	1.55	2.00	0.005	0	0	0	---	---	MEAN
MAX	---	---	0	33.8	7.80	10.7	0.033	0	0	0	---	---	MAX
MIN	---	---	0	0	0.299	0.022	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.12
MAXIMUM DAILY, 33.8 ON APR 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
36.3 AT 16:54 CST ON APR 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 10 N
LONG 109 59 05 W
DRAINAGE AREA, 909 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14.6
FEB	---	AUG	0
MAR	0	SEP	0
APR	14 400	OCT	0
MAY	4 140	NOV	---
JUN	5 180	DEC	---

TOTAL DISCHARGE, 23 700 dam³

LOISELLE CREEK NEAR HUDSON BAY - STATION NO. 05LB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.020	0.002	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.009	0.001	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.003	0.002	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.004	0.002	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.002	0.005	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.002	0.006	0	0	0	0	---	---	6
7	---	---	0B	0.004B	0.005	0.008	0	0	0	0	---	---	7
8	---	---	0B	0.008B	0.001	0.007	0	0	0	0	---	---	8
9	---	---	0B	0.012B	0.002	0.009	0	0	0	0	---	---	9
10	---	---	0B	0.020B	0.001	0.009	0	0	0	0	---	---	10
11	---	---	0B	0.025B	0.002	0.011	0	0	0	0	---	---	11
12	---	---	0B	0.028B	0.003	0.011	0	0	0	0	---	---	12
13	---	---	0B	0.030B	0.002	0.011	0	0	0	0	---	---	13
14	---	---	0B	0.187B	0.003	0.009	0	0	0	0	---	---	14
15	---	---	0B	0.588B	0.003	0.007	0	0	0	0	---	---	15
16	---	---	0B	1.10	0.003	0.009	0	0	0	0	---	---	16
17	---	---	0B	0.951	0.004	0.008	0	0	0	0	---	---	17
18	---	---	0B	0.764	0.006	0.006	0	0	0	0	---	---	18
19	---	---	0B	0.592	0.005	0.005	0	0	0	0	---	---	19
20	---	---	0B	0.488	0.004	0.003	0.002	0	0	0	---	---	20
21	---	---	0B	0.355	0.006	0.002	0.001	0	0	0	---	---	21
22	---	---	0B	0.267	0.008	0.001	0	0	0	0	---	---	22
23	---	---	0B	0.227	0.009	0	0	0	0	0	---	---	23
24	---	---	0B	0.204	0.010	0	0	0	0	0	---	---	24
25	---	---	0B	0.178	0.010	0	0	0	0	0	---	---	25
26	---	---	0B	0.149	0.008	0	0	0	0	0	---	---	26
27	---	---	0B	0.107	0.006	0	0	0	0	0	---	---	27
28	---	---	0B	0.094	0.006	0	0	0	0	0	---	---	28
29	---		0B	0.058	0.012	0	0	0	0	0	---	---	29
30	---		0B	0.038	0.009	0	0	0	0	0	---	---	30
31	---		0B		0.004		0	0		0		---	31
TOTAL	---	---	0	6.474	0.172	0.136	0.003	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.216	0.006	0.005	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.10	0.020	0.011	0.002	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.028
MAXIMUM DAILY, 1.10 ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.16 AT 20:35 CST ON APR 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 47 51 N
LONG 102 22 14 W
DRAINAGE AREA, 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.36
FEB	---	AUG	0
MAR	0	SEP	0
APR	559	OCT	0
MAY	14.9	NOV	---
JUN	11.8	DEC	---

TOTAL DISCHARGE, 586 dam³

LONG CREEK AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO. 05NA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	3.98	0.387	0.002	0.013	0	0	0	0	1
2	0B	0B	0B	0 B	3.29	0.422	0.002	0.010	0	0	0	0	2
3	0B	0B	0B	0 B	2.76	0.413	0.001	0.008	0	0	0	0	3
4	0B	0B	0B	0 B	2.46	0.347	0.001	0.007	0	0	0	0	4
5	0B	0B	0B	0 B	2.15	0.297	0.001	0.006	0	0	0	0	5
6	0B	0B	0B	0 B	1.92	0.254	0.001	0.006	0	0	0	0	6
7	0B	0B	0B	0 B	1.73	0.206	0.001	0.005	0	0	0	0	7
8	0B	0B	0B	0 B	1.54	0.173	0.001	0.003	0	0	0	0	8
9	0B	0B	0B	0 B	1.42	0.154	0.002	0.002	0	0	0	0	9
10	0B	0B	0B	0 B	1.34	0.141	0.002	0.001	0	0	0	0	10
11	0B	0B	0B	0 B	1.26	0.113	0.002	0.001	0	0	0	0	11
12	0B	0B	0B	0 B	1.22	0.083	0.003	0.001	0	0	0	0	12
13	0B	0B	0B	12.9 B	1.21	0.060	0.004	0.001	0	0	0	0	13
14	0B	0B	0B	67.8 B	1.16	0.039	0.003	0	0	0	0	0	14
15	0B	0B	0B	65.5 B	1.12	0.026	0.005	0	0	0	0	0	15
16	0B	0B	0B	42.1 B	1.10	0.019	0.005	0	0	0	0	0	16
17	0B	0B	0B	29.1	1.07	0.015	0.004	0	0	0	0	0	17
18	0B	0B	0B	29.1	1.02	0.010	0.002	0	0	0	0	0	18
19	0B	0B	0B	40.7	0.988	0.008	0.002	0	0	0	0	0	19
20	0B	0B	0B	44.5	0.935	0.005	0.002	0	0	0	0	0	20
21	0B	0B	0B	43.1	0.886	0.005	0.001	0	0	0	0	0	21
22	0B	0B	0B	37.7	0.830	0.004	0.001	0	0	0	0	0	22
23	0B	0B	0B	28.3	0.770	0.004	0.118	0	0	0	0	0	23
24	0B	0B	0B	20.6	0.705	0.002	0.243	0	0	0	0	0	24
25	0B	0B	0B	14.9	0.625	0.002	0.168	0	0	0	0	0	25
26	0B	0B	0B	11.5	0.562	0.002	0.139	0	0	0	0	0	26
27	0B	0B	0B	9.22	0.497	0.002	0.120	0	0	0	0	0	27
28	0B	0B	0B	7.62	0.460	0.005	0.068	0	0	0	0	0	28
29	0B		0B	6.10	0.496	0.004	0.041	0	0	0	0	0	29
30	0B		0B	4.88	0.473	0.003	0.028	0	0	0	0	0	30
31	0B		0B		0.420		0.019	0		0		0	31
TOTAL	0	0	0	515.62	40.397	3.205	0.992	0.064	0	0	0	0	TOTAL
MEAN	0	0	0	17.2	1.30	0.107	0.032	0.002	0	0	0	0	MEAN
MAX	0	0	0	67.8	3.98	0.422	0.243	0.013	0	0	0	0	MAX
MIN	0	0	0	0	0.420	0.002	0.001	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.54
MAXIMUM DAILY, 67.8B ON APR 14
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
77.2B AT 01:00 CST ON APR 15

SUMMARY FOR THE YEAR 1982

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 103 21 08 W
DRAINAGE AREA, 3 210 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	85.7
FEB	0	AUG	5.53
MAR	0	SEP	0
APR	44 500	OCT	0
MAY	3 490	NOV	0
JUN	277	DEC	0

TOTAL DISCHARGE, 48 400 dam³

LONG CREEK NEAR ESTEVAN - STATION NO. 05NB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.070B	0.056B	0.050B	0.096B	4.77	0.286	0.126	0.102	0.053	0.089	0.075B	0.064B	1
2	0.070B	0.055B	0.050B	0.101B	2.86	0.312	0.157	0.106	0.049	0.090	0.075B	0.064B	2
3	0.071B	0.054B	0.051B	0.101B	3.02	0.625	0.160	0.107	0.048	0.094	0.075B	0.064B	3
4	0.073B	0.054B	0.052B	0.100B	1.84	0.525	0.183	0.114	0.047	0.093	0.080B	0.065B	4
5	0.072B	0.054B	0.052B	0.101B	1.76	0.582	0.292	0.104	0.045	0.090	0.080B	0.071B	5
6	0.071B	0.055B	0.051B	0.102B	2.37	0.297	0.394	0.076	0.045	0.092	0.080B	0.078B	6
7	0.070B	0.054B	0.051B	0.479B	0.584	0.259	0.340	0.055	0.045	0.105	0.085B	0.079B	7
8	0.069B	0.052B	0.050B	1.40 B	0.911	0.254	0.305	0.047	0.051	0.088	0.085B	0.071B	8
9	0.067B	0.052B	0.049B	1.94	0.916	0.345	0.280	0.053	0.061	0.086	0.085B	0.067B	9
10	0.068B	0.053B	0.048B	1.97	0.930	0.550	0.250	0.063	0.068	0.105	0.087B	0.062B	10
11	0.069B	0.052B	0.053B	2.11	0.997	0.408	0.308	0.068	0.054	0.169	0.087B	0.062B	11
12	0.069B	0.052B	0.069B	2.06	1.07	0.576	0.339	0.053	0.053	0.186	0.087B	0.065B	12
13	0.069B	0.052B	0.079B	1.98	1.06	0.693	0.357	0.035	0.054	0.198	0.065B	0.065B	13
14	0.068B	0.054B	0.066B	4.67	1.06	0.430	0.475	0.039	0.054	0.179	0.050B	0.067B	14
15	0.066B	0.052B	0.055B	28.2	1.06	0.452	0.435	0.040	0.058	0.095	0.050B	0.069B	15
16	0.078B	0.052B	0.055B	65.5	1.12	0.675	0.434	0.035	0.060	0.079	0.050B	0.070B	16
17	0.061B	0.051B	0.056B	70.4	1.58	0.505	0.403	0.039	0.062	0.078	0.050B	0.071B	17
18	0.059B	0.045B	0.054B	59.5	2.63	0.109	0.394	0.044	0.061	0.078	0.050B	0.070B	18
19	0.058B	0.049B	0.054B	48.5	1.58	0.087	0.622	0.047	0.060	0.077	0.050B	0.070B	19
20	0.058B	0.050B	0.055B	49.3	0.934	0.080	1.18	0.052	0.060	0.073	0.035B	0.069B	20
21	0.058B	0.061B	0.057B	12.5	0.895	0.094	1.11	0.071	0.059	0.071	0.021B	0.069B	21
22	0.057B	0.043B	0.059B	0.347	0.928	0.101	0.977	0.066	0.060	0.070	0.021B	0.069B	22
23	0.057B	0.038B	0.063B	0.319	0.987	0.103	0.881	0.059	0.063	0.072	0.021B	0.069B	23
24	0.057B	0.038B	0.064B	1.15	0.968	0.110	0.826	0.056	0.072	0.070	0.021B	0.068B	24
25	0.058B	0.041B	0.067B	5.41	1.03	0.181	0.743	0.055	0.087	0.070	0.025B	0.068B	25
26	0.058B	0.047B	0.088B	9.53	1.09	0.246	0.268	0.059	0.081	0.067A	0.025B	0.070B	26
27	0.057B	0.048B	0.089B	12.5	0.718	0.187	0.173	0.061	0.082	0.070A	0.035B	0.068B	27
28	0.057B	0.050B	0.076B	12.4	0.502	0.134	0.233	0.060	0.094	0.070A	0.060B	0.068B	28
29	0.056B		0.090B	7.49	1.30	0.116	0.128	0.062	0.089	0.070A	0.064B	0.069B	29
30	0.056B		0.096B	6.95	0.765	0.116	0.200	0.059	0.089	0.070A	0.064B	0.070B	30
31	0.056B		0.091B		0.346		0.111	0.055		0.070A		0.072B	31
TOTAL	1.983	1.414	1.940	407.206	42.581	9.438	13.084	1.942	1.864	2.918	1.738	2.123	TOTAL
MEAN	0.064	0.051	0.063	13.6	1.37	0.315	0.422	0.063	0.062	0.094	0.058	0.068	MEAN
MAX	0.078	0.061	0.096	70.4	4.77	0.693	1.18	0.114	0.094	0.198	0.087	0.079	MAX
MIN	0.056	0.038	0.048	0.096	0.346	0.080	0.111	0.035	0.045	0.067	0.021	0.062	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.34
MAXIMUM DAILY, 70.4 ON APR 17
MINIMUM DAILY, 0.021B ON NOV 21
MAXIMUM INSTANTANEOUS,
72.7 AT 00:44 CST ON APR 17

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 15 N
LONG 103 00 48 W
DRAINAGE AREA, 4 840 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	171	JUL	1 130
FEB	122	AUG	168
MAR	168	SEP	161
APR	35 200	OCT	252
MAY	3 680	NOV	150
JUN	815	DEC	183

TOTAL DISCHARGE, 42 200 dam³

LONG CREEK NEAR NAXIN - STATION NO. 05NA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.366B	1.82	0.203	0	0	0.001	0	---	---	1
2	---	---	0 B	0.038B	1.60	0.179	0	0	0.001	0	---	---	2
3	---	---	0 B	0.018B	1.37	0.128	0	0	0	0	---	---	3
4	---	---	0 B	0.012B	1.10	0.086	0	0	0	0	---	---	4
5	---	---	0 B	0.009B	0.893	0.074	0	0	0	0	---	---	5
6	---	---	0 B	0.007B	0.741	0.065	0	0	0	0	---	---	6
7	---	---	0 B	0.006B	0.640	0.044	0	0.044	0	0	---	---	7
8	---	---	0 B	0.005B	0.560	0.028	0	0.030	0	0	---	---	8
9	---	---	0 B	0.004B	0.564	0.025	0	0.021	0	0	---	---	9
10	---	---	0 B	0.034B	0.598	0.018	0	0.019	0	0	---	---	10
11	---	---	0 B	1.25 B	0.571	0.007	0	0.025	0	0	---	---	11
12	---	---	0 B	2.81 B	0.530	0.001	0	0.058	0	0	---	---	12
13	---	---	0 B	1.69 B	0.462	0.001	0	0.076	0	0	---	---	13
14	---	---	0.063B	4.89 B	0.400	0.001	0	0.106	0	0	---	---	14
15	---	---	1.22 B	9.88	0.372	0	0	0.125	0	0	---	---	15
16	---	---	0.402B	23.5	0.375	0	1.03	0.097	0	0	---	---	16
17	---	---	0.204B	38.2	0.380	0	0.836	0.079	0	0	---	---	17
18	---	---	0.137B	37.2	0.373	0	0.287	0.059	0	0	---	---	18
19	---	---	0.167B	38.6	0.338	0	0.065	0.067	0	0	---	---	19
20	---	---	0.138B	35.6	0.303	0	0.027	0.038	0	0	---	---	20
21	---	---	0.052B	23.4	0.259	0	0.003	0.015	0	0	---	---	21
22	---	---	0.020B	15.5	0.232	0	0.001	0.011	0	0	---	---	22
23	---	---	0.014B	10.7	0.201	0	0	0.010	0	0	---	---	23
24	---	---	0.010B	8.52	0.207	0	0	0.006	0	0	---	---	24
25	---	---	0.008B	6.95	0.158	0	0	0.008	0	0	---	---	25
26	---	---	0.007B	5.68	0.135	0	0	0.008	0	0	---	---	26
27	---	---	0.006B	4.38	0.122	0	0	0.001	0	0	---	---	27
28	---	---	0.005B	3.46	0.121	0	0	0.001	0	0	---	---	28
29	---		0.004B	2.73	0.246	0	0	0	0	0	---	---	29
30	---		0.163B	2.15	0.210	0	0	0	0	0	---	---	30
31	---		0.663B		0.203		0	0.012		0		---	31
TOTAL	---	---	3.283	275.589	16.084	0.860	2.249	0.916	0.002	0	---	---	TOTAL
MEAN	---	---	0.106	9.19	0.519	0.029	0.073	0.030	0	0	---	---	MEAN
MAX	---	---	1.22	38.6	1.82	0.203	1.03	0.125	0.001	0	---	---	MAX
MIN	---	---	0	0.004	0.121	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.22
MAXIMUM DAILY, 38.6 ON APR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
39.4 AT 17:15 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 32 N
LONG 103 57 22 W
DRAINAGE AREA, 1 790 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	194
FEB	---	AUG	79.1
MAR	284	SEP	0.17
APR	23 800	OCT	0
MAY	1 390	NOV	---
JUN	74.3	DEC	---

TOTAL DISCHARGE, 25 800 dam³

LONG CREEK NEAR NOONAN - STATION NO. 05NB027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	1.98 B	5.97	0.566	0.010	0.275	0.012	0.013	0.025	0.011B	1
2	0B	0B	0B	7.14 B	5.01	0.510	0.009	0.229	0.009	0.017	0.027	0.012B	2
3	0B	0B	0B	5.41 B	4.08	0.481	0.008	0.227	0.007	0.016	0.025	0.013B	3
4	0B	0B	0B	4.11 B	3.37	0.510	0.007	0.204	0.006	0	0.023	0.013B	4
5	0B	0B	0B	2.52 B	2.75	0.510	0.006	0.156	0.005	0	0.025	0.012B	5
6	0B	0B	0B	1.53 B	2.38	0.453	0.004	0.116	0.006	0.008	0.025	0.011B	6
7	0B	0B	0B	1.13 B	1.93	0.425	0.002	0.079	0.006	0.016	0.026	0.011B	7
8	0B	0B	0B	0.991B	1.70	0.396	0.003	0.062	0.006	0.013	0.037	0.011B	8
9	0B	0B	0B	1.02 B	1.50	0.368	0.007	0.048	0.005	0.018	0.023	0.011B	9
10	0B	0B	0B	1.08 B	1.42	0.311	0.006	0.037	0.004	0.022	0.022	0.010B	10
11	0B	0B	0B	1.25 B	1.30	0.283	0.003	0.028	0.003	0.021	0.020	0.009B	11
12	0B	0B	0B	4.62 B	1.16	0.232	0.003	0.028	0.003	0.020	0.017	0.010B	12
13	0B	0B	0B	13.1 B	1.16	0.204	0.003	0.027	0.002	0.019	0.016	0.010B	13
14	0B	0B	0B	62.3 B	1.13	0.184	0.015	0.034	0.002	0.020	0.018	0.011B	14
15	0B	0B	0B	102 B	1.10	0.159	3.43	0.051	0.002	0.020	0.020	0.011B	15
16	0B	0B	0B	77.0 B	1.13	0.133	0.765	0.034	0.002	0.020	0.019	0.012B	16
17	0B	0B	0B	56.9	1.13	0.110	3.17	0.027	0.003	0.020	0.017	0.012B	17
18	0B	0B	0B	42.2	1.05	0.096	4.62	0.031	0.002	0.020	0.017	0.013B	18
19	0B	0B	0B	39.6	0.991	0.079	2.92	0.027	0.002	0.022	0.017	0.012B	19
20	0B	0B	0B	51.8	0.963	0.059	1.98	0.025	0.002	0.020	0.020	0.013B	20
21	0B	0B	0B	51.0	0.906	0.042	1.50	0.021	0.001	0.020	0.019	0.012B	21
22	0B	0B	0B	46.2	0.878	0.034	1.19	0.022	0.001	0.019	0.018	0.013B	22
23	0B	0B	0B	36.5	0.821	0.024	0.906	0.021	0.001	0.018	0.018	0.013B	23
24	0B	0B	0B	27.2	0.821	0.024	0.708	0.018	0.001	0.018	0.018	0.013B	24
25	0B	0B	0B	19.5	0.736	0.021	0.566	0.018	0.001	0.020	0.018	0.013B	25
26	0B	0B	0B	14.4	0.651	0.016	0.481	0.017	0.001	0.023	0.017	0.012B	26
27	0B	0B	0B	11.3	0.595	0.014	0.566	0.015	0.002	0.023	0.020	0.013B	27
28	0B	0B	0B	9.60	0.566	0.020	0.595	0.012	0.011	0.031	0.022	0.012B	28
29	0B		0B	8.41	0.623	0.017	0.481	0.010	0.015	0.028	0.037	0.012B	29
30	0B		0B	7.08	0.595	0.014	0.396	0.011	0.013	0.026	0.024B	0.011B	30
31	0B		0B		0.623		0.340	0.014		0.025		0.011B	31
TOTAL	0	0	0	788.871	89.039	6.295	24.700	1.924	0.136	0.576	0.650	0.362	TOTAL
MEAN	0	0	0	23.6	1.58	0.210	0.797	0.062	0.005	0.019	0.022	0.012	MEAN
MAX	0	0	0	102	5.97	0.566	4.62	0.275	0.015	0.031	0.037	0.013	MAX
MIN	0	0	0	0.991	0.566	0.014	0.002	0.010	0.001	0	0.016	0.009	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.17
MAXIMUM DAILY, 102B ON APR 15
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
110B AT 17:00 CST ON APR 15

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 52 N
LONG 103 04 34 W
DRAINAGE AREA, 4 460 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	2 130
FEB	0	AUG	166
MAR	0	SEP	11.8
APR	61 200	OCT	49.8
MAY	4 240	NOV	56.2
JUN	544	DEC	31.3

TOTAL DISCHARGE, 68 400 dam³

LOWER FISHING LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KE009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	490.288E	490.358	490.414	490.456E	---	---	---	1
2	---	---	---	---	---	490.290E	490.258	490.384	490.470	---	---	---	2
3	---	---	---	---	---	490.292E	490.258	490.394E	490.470	---	---	---	3
4	---	---	---	---	---	490.294E	490.258	490.404E	490.470	---	---	---	4
5	---	---	---	---	---	490.296E	490.278	490.414	490.470	---	---	---	5
6	---	---	---	---	---	490.298	490.308E	490.414	490.460	---	---	---	6
7	---	---	---	---	---	490.298	490.339E	490.414	490.450	---	---	---	7
8	---	---	---	---	---	490.303E	490.369	490.414	---	---	---	---	8
9	---	---	---	---	---	490.308E	490.369	490.469	---	---	---	---	9
10	---	---	---	---	---	490.313	490.369	490.447E	---	---	---	---	10
11	---	---	---	---	---	490.313	490.359	490.446E	---	---	---	---	11
12	---	---	---	---	---	490.313	490.358	490.448	---	---	---	---	12
13	---	---	---	---	---	490.313	490.364E	490.474	---	---	---	---	13
14	---	---	---	---	---	490.313	490.374E	490.479	---	---	---	---	14
15	---	---	---	---	---	490.306E	490.384	490.484	---	---	---	---	15
16	---	---	---	---	---	490.300E	490.429	490.523	---	---	---	---	16
17	---	---	---	---	---	490.293	490.429	490.517E	---	---	---	---	17
18	---	---	---	---	---	490.293	490.469	490.510E	---	---	---	---	18
19	---	---	---	---	---	490.293	490.469	490.504	---	490.341	---	---	19
20	---	---	---	---	---	490.278	490.472E	490.499	---	---	---	---	20
21	---	---	---	---	---	490.273	490.476E	490.484	---	---	---	---	21
22	---	---	---	---	---	490.273E	490.479	490.469	---	---	---	---	22
23	---	---	---	---	---	490.273E	490.479	490.449	---	---	---	---	23
24	---	---	---	---	---	490.273	490.479	490.449E	---	---	---	---	24
25	---	---	---	---	---	490.278	490.454	490.449E	---	---	---	---	25
26	---	---	---	---	---	490.278	490.404	490.449	---	---	---	---	26
27	---	---	---	---	---	490.273	490.436E	490.404	---	---	---	---	27
28	---	---	---	---	---	490.268	490.427E	490.404	---	---	---	---	28
29	---		---	---	---	490.265E	490.419	490.404	---	---	---	---	29
30	---		---	---	---	490.261E	490.419	490.429	---	---	---	---	30
31	---		---		490.286		490.419	490.443E		490.341		---	31
MEAN	---	---	---	---	---	490.290	490.390	490.447	---	---	---	---	MEAN
MAX	---	---	---	---	---	490.313	490.479	490.523	---	---	---	---	MAX
MIN	---	---	---	---	---	490.261	490.258	490.384	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 490.523 ON AUG 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 02 11 N
LONG 104 36 51 W

E - ESTIMATED

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LUNSDEN INDEX RESERVOIR - STATION NO. 05JF013

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	26.910	---	---	---	---	---	---	---	---	1
2	---	---	26.810	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	27.875	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	28.006	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	28.441	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	28.557	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	28.298	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	28.678	---	28.420E	---	---	27.950E	---	---	---	30
31	---		26.909E		28.530E		28.280E	28.040E		27.880E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 32 31 N
LONG 104 50 37 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LYONS CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.165	0.782	2.32	0	0	0	0	---	---	1
2	---	---	0	0.083	0.752	1.63	0	0	0	0	---	---	2
3	---	---	0	0.030E	0.614	0.747	0	0	0	0	---	---	3
4	---	---	0	0.010E	0.319	0.327	0	0	0	0	---	---	4
5	---	---	0	0 E	0.196	0.168	0	0	0	0	---	---	5
6	---	---	0	0 E	0.083	0.085	0	0	0	0	---	---	6
7	---	---	0	0 E	0.059	0.056	0	0	0	0	---	---	7
8	---	---	0	0 E	0.043	0.039	0	0	0	0	---	---	8
9	---	---	0	0.050E	0.036	0.025	0	0	0	0	---	---	9
10	---	---	0	0.500E	0.037	0.017	0	0	0	0	---	---	10
11	---	---	0	1.00 E	0.036	0.012	0	0	0	0	---	---	11
12	---	---	0	2.67	0.029	0.010	0	0	0	0	---	---	12
13	---	---	0	6.68	0.023	0.003	0	0	0	0	---	---	13
14	---	---	0	8.39	0.017	0.001	0	0	0	0	---	---	14
15	---	---	0	4.95	0.014	0	0	0	0	0	---	---	15
16	---	---	0	3.04	0.011	0.003	0	0	0	0	---	---	16
17	---	---	0	2.02	0.010	0.001	0	0	0	0	---	---	17
18	---	---	0	1.35	0.004	0	0	0	0	0	---	---	18
19	---	---	0	0.824	0.002	0	0	0	0	0	---	---	19
20	---	---	0	0.593	0.001	0	0	0	0	0	---	---	20
21	---	---	0	0.521	0	0	0	0	0	0	---	---	21
22	---	---	0	0.782	0	0	0	0	0	0	---	---	22
23	---	---	0	1.32	0	0	0	0	0	0	---	---	23
24	---	---	0	1.85	0	0	0	0	0	0	---	---	24
25	---	---	0	1.27	0	0	0	0	0	0	---	---	25
26	---	---	0	0.657	0	0	0	0	0	0	---	---	26
27	---	---	0	0.424	0	0	0	0	0	0	---	---	27
28	---	---	0.050E	1.07	0	0	0	0	0	0	---	---	28
29	---		0.200E	0.363	0.022	0	0	0	0	0	---	---	29
30	---		0.622	0.560	0.004	0	0	0	0	0	---	---	30
31	---		0.225		1.20		0	0		0		---	31
TOTAL	---	---	1.097	61.152	4.279	5.244	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.035	1.37	0.138	0.175	0	0	0	0	---	---	MEAN
MAX	---	---	0.622	8.39	1.20	2.32	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.211
MAXIMUM DAILY, 8.39 ON APR 14
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
15.3 AT 20:00 CST ON APR 13

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 17 N
LONG 109 13 48 W
DRAINAGE AREA, 174 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	94.8	SEP	0
APR	3 560	OCT	0
MAY	370	NOV	---
JUN	453	DEC	---

TOTAL DISCHARGE, 4 480 dam³

MACDONALD CREEK NEAR BOUNTY - STATION NO. 05HF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.333	0.173	0.807	0	0	0	---	---	1
2	---	---	0B	0 B	0.287	0.156	0.011	0.027	0	0	---	---	2
3	---	---	0B	0 B	0.231	0.129	0.014	0.063	0	0	---	---	3
4	---	---	0B	0 B	0.182	0.116	0.009	0.048	0	0	---	---	4
5	---	---	0B	0 B	0.161	0.110	0.006	0.037	0	0	---	---	5
6	---	---	0B	0 B	0.148	0.104	0.005	0.026	0	0	---	---	6
7	---	---	0B	0 B	0.145	0.101	0.003	0.017	0	0	---	---	7
8	---	---	0B	0 B	0.138	0.093	0.002	0.012	0	0	---	---	8
9	---	---	0B	0 B	0.129	0.086	0.001	0.008	0	0	---	---	9
10	---	---	0B	0 B	0.117	0.080	0	0.005	0	0	---	---	10
11	---	---	0B	0.017B	0.107	0.075	0	0.003	0	0	---	---	11
12	---	---	0B	0.329B	0.096	0.072	0	0.002	0	0	---	---	12
13	---	---	0B	1.71 B	0.087	0.069	0	0.002	0	0	---	---	13
14	---	---	0B	1.88 B	0.079	0.064	0	0.001	0	0	---	---	14
15	---	---	0B	1.88 B	0.072	0.061	0	0	0	0	---	---	15
16	---	---	0B	5.84 B	0.067	0.058	0	0	0	0	---	---	16
17	---	---	0B	9.39 B	0.065	0.051	0	0	0	0	---	---	17
18	---	---	0B	5.51	0.063	0.049	0	0	0	0	---	---	18
19	---	---	0B	3.34	0.061	0.042	0	0	0	0	---	---	19
20	---	---	0B	1.61	0.064	0.037	0	0	0	0	---	---	20
21	---	---	0B	1.34	0.061	0.034	0	0	0	0	---	---	21
22	---	---	0B	1.19	0.061	0.030	0	0	0	0	---	---	22
23	---	---	0B	1.11	0.064	0.023	0	0	0	0	---	---	23
24	---	---	0B	1.01	0.060	0.020	0	0	0	0	---	---	24
25	---	---	0B	0.881	0.059	0.019	0	0	0	0	---	---	25
26	---	---	0B	0.748	0.053	0.016	0.001	0	0	0	---	---	26
27	---	---	0B	0.613	0.058	0.013	0.001	0	0	0	---	---	27
28	---	---	0B	0.524	0.060	0.015	0	0	0	0	---	---	28
29	---		0B	0.420	0.094	0.011	0	0	0	0	---	---	29
30	---		0B	0.368	0.117	0.009	0	0	0	0	---	---	30
31	---		0B		0.145		0	0		0		---	31
TOTAL	---	---	0	38.710	3.462	1.916	0.060	0.251	0	0	---	---	TOTAL
MEAN	---	---	0	1.29	0.112	0.064	0.002	0.008	0	0	---	---	MEAN
MAX	---	---	0	9.39	0.333	0.173	0.014	0.063	0	0	---	---	MAX
MIN	---	---	0	0	0.053	0.009	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.181
MAXIMUM DAILY, 9.39B ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
14.1B AT 07:19 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 56 N
LONG 107 24 44 W
DRAINAGE AREA, 2 570 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.10
FEB	---	AUG	21.7
MAR	0	SEP	0
APR	3 340	OCT	0
MAY	299	NOV	---
JUN	166	DEC	---

TOTAL DISCHARGE, 3 830 dam³

MACFARLANE RIVER AT OUTLET OF DAVY LAKE - STATION NO. 07MD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.4	24.2	21.8	22.1	32.4	67.9	42.4	36.0	38.3	41.3	38.8	37.2	1
2	30.1	23.8	21.5	22.2	34.9	69.2	41.8	36.4	37.7	39.5	38.8	36.8	2
3	30.2	23.6	21.7	22.4	38.1	65.3	41.8	35.6	38.6	40.0	38.1	36.7	3
4	30.4	23.6	21.8	22.4	42.4	63.4	42.6	36.6	37.9	41.0	38.7	36.2	4
5	30.2	23.5	21.7	22.7	44.6	61.5	43.6	37.6	38.4	41.4	38.3	36.0	5
6	30.0	23.5	21.6	22.7	48.5	59.9	43.2	38.0	39.5	43.1	37.4	36.1	6
7	29.8	23.4	21.3	22.9	51.9	62.0	42.2	38.4	41.7	40.3	37.2	35.1	7
8	29.6	23.1	21.3	23.0	55.1	60.4	41.6	39.5	40.1	39.8	37.0	34.6	8
9	29.0	22.9	21.5	23.4	58.3	58.8	41.9	40.9	38.9	40.3	37.2	35.1	9
10	28.6	23.2	21.6	23.3	60.6	58.2	40.2	40.5	39.4	40.2	36.7	34.8	10
11	28.9	23.1	21.7	23.0	63.4	57.4	39.6	39.1	42.8	41.3	38.8	38.5	11
12	29.0	23.0	21.7	23.1	65.9	56.2	38.8	39.5	39.2	40.1	39.6	35.0	12
13	28.9	22.9	21.5	23.1	67.6	55.6	38.9	39.8	40.4	39.8	35.6	34.9	13
14	28.8	22.8	21.6	23.3	69.0	55.6	38.7	40.0	43.4	38.9	35.5	35.2	14
15	28.1	22.7	21.7	23.8	70.9	53.9	37.5	38.3	40.6	38.8	35.6	35.7	15
16	27.4	22.8	21.3	23.0	72.3	52.6	37.8	38.3	41.6	36.6	36.0	35.9	16
17	27.0	22.8	21.2	23.3	72.7	53.1	38.7	39.6	42.1	38.5	35.5	35.9	17
18	26.8	22.7	21.6	23.3	74.0	52.0	38.3	38.9	40.6	41.5	35.6	35.8	18
19	26.5	22.9	21.9	23.3	74.0	51.7	36.7	38.4	41.6	42.2	34.4	35.5	19
20	26.2	23.1	21.7	23.3	74.2	50.0	34.9	38.4	41.5	40.1	34.3	35.1	20
21	25.7	22.4	21.7	23.4	74.9	50.5	34.9	38.7	41.2	39.7	34.7	34.3	21
22	25.5	22.1	21.6	23.3	74.9	49.3	33.9	39.2	41.0	40.2	34.7	34.4	22
23	25.5	22.1	21.5	23.4	75.0	48.6	34.5	38.3	41.5	41.4	34.6	34.3	23
24	25.8	21.9	21.5	23.3	76.1	48.6	35.6	35.9	41.7	39.9	34.6	34.8	24
25	26.0	21.9	21.1	23.9	74.1	48.0	37.2	36.3	40.5	40.3	34.6	35.3	25
26	25.6	21.6	22.1	24.5	71.4	46.0	38.6	36.9	40.3	40.0	34.4	34.9	26
27	25.5	21.9	21.8	25.5	71.7	45.1	38.2	38.1	41.0	40.8	35.0	34.5	27
28	25.0	22.0	21.8	26.5	72.6	44.4	36.3	38.1	40.4	40.2	36.1	34.1	28
29	24.5		21.8	27.9	72.2	43.6	37.0	37.2	39.8	41.1	36.7	33.4	29
30	24.3		21.9	30.1	70.4	44.6	36.3	37.9	41.3	41.6	37.3	33.4	30
31	24.4		22.0		67.2		35.7	38.9		38.4		34.1	31
TOTAL	853.7	639.7	670.5	709.6	1 971.3	1 633.4	1 200.1	1 183.3	1 213.0	1 248.3	1 083.8	1 089.6	TOTAL
MEAN	27.5	22.8	21.6	23.7	63.6	54.4	38.7	38.2	40.4	40.3	36.1	35.1	MEAN
MAX	30.4	24.2	22.1	30.1	76.1	69.2	43.6	40.9	43.4	43.1	38.8	37.2	MAX
MIN	24.3	21.6	21.1	22.1	32.4	43.6	33.9	35.6	37.7	36.6	34.3	33.4	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.0
MAXIMUM DAILY, 76.1 ON MAY 24
MINIMUM DAILY, 21.1 ON MAR 25
MAXIMUM INSTANTANEOUS,
78.9 AT 12:13 CST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 58 00 N
LONG 108 10 30 W
DRAINAGE AREA, 9 120 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	73 800	JUL	104 000
FEB	55 300	AUG	102 000
MAR	57 900	SEP	105 000
APR	61 300	OCT	108 000
MAY	170 000	NOV	93 600
JUN	141 000	DEC	94 100

TOTAL DISCHARGE, 1 170 000 dam³

MACNAB CREEK NEAR SOMME - STATION NO. 05LB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.001	0.043	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.001	0.023	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.004	0.010	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.003	0.004	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.002	0.026	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0.031	0	0	0	0	---	---	6
7	---	---	0B	0 B	0	0.041	0	0	0	0	---	---	7
8	---	---	0B	0 B	0	0.072	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0.038	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0.025	0	0	0	0	---	---	10
11	---	---	0B	0.001B	0	0.016	0	0	0	0	---	---	11
12	---	---	0B	0.015B	0	0.010	0	0	0	0	---	---	12
13	---	---	0B	0.045B	0	0	0	0	0	0	---	---	13
14	---	---	0B	0.149	0	0	0	0	0	0	---	---	14
15	---	---	0B	0.348	0	0	0	0	0	0	---	---	15
16	---	---	0B	0.189	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.120	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.089	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.073	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.059	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.046	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.038	0	0	0A	0	0	0	---	---	22
23	---	---	0B	0.037	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.025	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.020	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.009	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.007	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.006	0	0	0	0	0	0	---	---	28
29	---		0B	0.004	0.005	0	0	0	0	0	---	---	29
30	---		0B	0.003	0.054	0	0	0	0	0	---	---	30
31	---		0B		0.034		0	0		0		---	31
TOTAL	---	---	0	1.283	0.104	0.339	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.043	0.003	0.011	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.348	0.054	0.072	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.348 ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.397 AT 17:45 CST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 36 29 N
LONG 102 57 57 W
DRAINAGE AREA, 87.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	111	OCT	0
MAY	0.99	NOV	---
JUN	29.3	DEC	---

TOTAL DISCHARGE, 149 dam³

MADGE LAKE NEAR KANSACK - STATION NO. 05LB013

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	608.137	608.059	608.189	608.105	608.075	---	---	1
2	---	---	---	---	---	608.135	608.061	608.188E	608.105	608.088E	608.066	---	2
3	---	---	---	---	---	608.130E	608.061	608.187	608.109	608.086E	---	---	3
4	---	---	---	---	---	608.122E	608.055	608.191	608.105	608.091	---	---	4
5	---	---	---	---	---	608.131	608.051E	608.187	608.105	608.089	---	---	5
6	---	---	---	---	---	608.129	608.047E	608.187E	608.109	608.091	---	---	6
7	---	---	---	---	---	608.127	608.043E	608.187	608.109	608.089	---	---	7
8	---	---	---	---	---	608.125	608.039E	608.183	608.109	608.087	---	---	8
9	---	---	---	---	---	608.123	608.035	608.177E	608.109	608.087E	---	---	9
10	---	---	---	---	---	608.121E	608.033	608.171	608.109E	608.087E	---	---	10
11	---	---	---	---	---	608.119	608.031	608.155	608.109	608.087E	---	---	11
12	---	---	---	---	---	608.117	608.031	608.153	608.105	608.087	---	---	12
13	---	---	---	---	---	608.115	608.035	608.155	608.103E	608.085	---	---	13
14	---	---	---	---	---	608.113	608.038E	608.153	608.101	608.085	---	---	14
15	---	---	---	---	---	608.105	608.042E	608.151E	608.101	608.083	---	---	15
16	---	---	---	---	---	608.105	608.045	608.149E	608.097	608.082E	---	---	16
17	---	---	---	---	---	608.103	608.219	608.147E	608.095	608.080E	---	---	17
18	---	---	---	---	608.170	608.101	608.227	608.145E	608.087	608.079E	---	---	18
19	---	---	---	---	---	608.098E	608.229	608.143	608.083	608.077	---	---	19
20	---	---	---	---	---	608.095	608.227	608.139	608.079	608.076E	---	---	20
21	---	---	---	---	---	608.095E	608.225	608.155	608.075	608.075	---	---	21
22	---	---	---	---	---	608.095	608.215	608.133	608.069	608.074E	---	---	22
23	---	---	---	---	---	608.091	608.211	608.132E	608.069	608.073E	---	---	23
24	---	---	---	---	---	608.091	608.207	608.130E	608.068E	608.072E	---	---	24
25	---	---	---	---	---	608.087	608.203	608.129E	608.059	608.071	---	---	25
26	---	---	---	---	---	608.089	608.201	608.127	608.056E	608.069	---	---	26
27	---	---	---	---	---	608.085	608.200E	608.119	608.053	608.068E	---	---	27
28	---	---	---	---	---	608.075	608.200E	608.107	608.055E	608.068E	---	---	28
29	---		---	---	---	608.073	608.199	608.101	608.057	608.067	---	---	29
30	---		---	---	---	608.069	608.195	608.099	608.071	608.066E	---	---	30
31	---		---		---		608.193	608.099		608.065		---	31
MEAN	---	---	---	---	---	608.107	608.128	608.151	608.089	608.079	---	---	MEAN
MAX	---	---	---	---	---	608.137	608.229	608.191	608.109	608.091	---	---	MAX
MIN	---	---	---	---	---	608.069	608.031	608.099	608.053	608.065	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 608.229 ON JUL 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 38 23 N
LONG 101 39 43 W

E - ESTIMATED

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAGNUSSON CREEK NEAR WYNYARD - STATION NO. 05MA021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0.304B	0.001	0.004	0	0	0	0	---	---	1
2	---	---	0	B	0.182B	0.001	0.003	0	0	0	0	---	---	2
3	---	---	0	B	0.029B	0.001	0.003	0	0	0	0	---	---	3
4	---	---	0	B	0.009B	0	0.002	0	0	0	0	---	---	4
5	---	---	0	B	0.005B	0	0.002	0	0	0	0	---	---	5
6	---	---	0	B	0.005B	0	0.001	0	0	0	0	---	---	6
7	---	---	0	B	0.004B	0	0.001	0	0	0	0	---	---	7
8	---	---	0	B	0.005B	0	0	0	0	0	0	---	---	8
9	---	---	0	B	0.004B	0	0	0	0	0	0	---	---	9
10	---	---	0	B	0.009B	0	0	0	0	0	0	---	---	10
11	---	---	0	B	0.083B	0	0	0	0	0	0	---	---	11
12	---	---	0	B	0.660B	0	0	0	0	0	0	---	---	12
13	---	---	0	B	1.80 B	0	0	0	0	0	0	---	---	13
14	---	---	0	B	1.87	0	0	0	0	0	0	---	---	14
15	---	---	0	B	1.25	0	0	0	0	0	0	---	---	15
16	---	---	0	B	0.910	0	0	0	0	0	0	---	---	16
17	---	---	0	B	0.536	0	0	0	0	0	0	---	---	17
18	---	---	0	B	0.355	0	0	0	0	0	0	---	---	18
19	---	---	0	B	0.251	0	0	0	0	0	0	---	---	19
20	---	---	0	B	0.181	0	0	0	0	0	0	---	---	20
21	---	---	0	B	0.115	0	0	0	0	0	0	---	---	21
22	---	---	0	B	0.086	0	0	0	0	0	0	---	---	22
23	---	---	0	B	0.059	0	0	0	0	0	0	---	---	23
24	---	---	0	B	0.030	0	0	0	0	0	0	---	---	24
25	---	---	0	B	0.014	0	0	0	0	0	0	---	---	25
26	---	---	0	B	0.008	0	0	0	0	0	0	---	---	26
27	---	---	0.002B		0.004	0	0	0	0	0	0	---	---	27
28	---	---	0.004B		0.002	0.001	0	0	0	0	0	---	---	28
29	---		0.004B		0.002	0.006	0	0	0	0	0	---	---	29
30	---		0.005B		0.002	0.006	0	0	0	0	0	---	---	30
31	---		0.043B			0.005		0	0		0		---	31
TOTAL	---	---	0.058		8.776	0.021	0.016	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.002		0.293	0.001	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.043		1.87	0.006	0.004	0	0	0	0	---	---	MAX
MIN	---	---	0		0.002	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.036
MAXIMUM DAILY, 1.87 ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.12 AT 11:40 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 52 N
LONG 104 12 07 W
DRAINAGE AREA, 121 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	5.01	SEP	0
APR	758	OCT	0
MAY	1.81	NOV	---
JUN	1.38	DEC	---

TOTAL DISCHARGE, 766 dam³

NAKWA LAKE NEAR LOON LAKE - STATION NO. 06AD014

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	524.095E	524.110	524.151E	524.102E	524.136	524.102	---	---	1
2	---	---	---	---	524.096E	524.119E	524.159E	524.102E	524.134E	524.140E	---	---	2
3	---	---	---	---	524.097E	524.120E	524.167E	524.102	524.131E	524.138E	---	---	3
4	---	---	---	---	524.098E	524.121E	524.175E	524.170E	524.129E	524.136E	---	---	4
5	---	---	---	---	524.099E	524.122E	524.183	524.175E	524.126E	524.134E	---	---	5
6	---	---	---	---	524.100	524.123E	524.181E	524.171E	524.124E	524.132E	---	---	6
7	---	---	---	---	524.101E	524.124E	524.179E	524.167E	524.122E	524.130E	---	---	7
8	---	---	---	---	524.101E	524.125E	524.177E	524.163E	524.119E	524.127E	---	---	8
9	---	---	---	---	524.102E	524.126E	524.175E	524.159E	524.117E	524.125E	---	---	9
10	---	---	---	---	524.102E	524.127E	524.172E	524.156E	524.115E	524.123E	---	---	10
11	---	---	---	---	524.103E	524.129E	524.170E	524.152E	524.112E	524.121E	---	---	11
12	---	---	---	---	524.103E	524.130E	524.168E	524.148E	524.110E	524.119E	---	---	12
13	---	---	---	---	524.104E	524.131E	524.166E	524.144E	524.107E	524.117E	---	---	13
14	---	---	---	---	524.104E	524.132E	524.164	524.141E	524.105E	524.115E	---	---	14
15	---	---	---	---	524.105E	524.133	524.165E	524.137	524.103	524.113E	---	---	15
16	---	---	---	---	524.105E	524.133E	524.166E	524.137E	524.105E	524.110E	---	---	16
17	---	---	---	---	524.106E	524.134E	524.167E	524.137E	524.108E	524.108E	---	---	17
18	---	---	---	---	524.106	524.135E	524.168E	524.137E	524.111E	524.106	---	---	18
19	---	---	---	---	524.106E	524.135E	524.169E	524.136E	524.114E	524.106E	---	---	19
20	---	---	---	---	524.107E	524.136E	524.170E	524.136E	524.117E	524.105E	---	---	20
21	---	---	---	---	524.107E	524.137E	524.171E	524.136E	524.120E	524.105E	---	---	21
22	---	---	---	---	524.108E	524.138E	524.172E	524.136E	524.123E	524.105E	---	---	22
23	---	---	---	---	524.108E	524.138E	524.173E	524.136E	524.125E	524.104E	---	---	23
24	---	---	---	---	524.109E	524.139E	524.175E	524.136E	524.128E	524.104E	---	---	24
25	---	---	---	---	524.109E	524.140E	524.176E	524.136E	524.131E	524.104E	---	---	25
26	---	---	---	---	524.110E	524.140E	524.177E	524.136E	524.134E	524.103E	---	---	26
27	---	---	---	---	524.110	524.141E	524.178E	524.136E	524.137E	524.103	---	---	27
28	---	---	---	---	524.112E	524.142E	524.179E	524.136E	524.140E	524.100E	---	---	28
29	---		---	524.093	524.114E	524.142E	524.180E	524.136E	524.142	524.096E	---	---	29
30	---		---	524.094E	524.116E	524.143	524.181E	524.136E	524.142E	524.093E	---	---	30
31	---		---		524.118		524.182	524.136		524.089		---	31
MEAN	---	---	---	---	524.105	524.132	524.172	524.149	524.122	524.115	---	---	MEAN
MAX	---	---	---	---	524.118	524.143	524.183	524.182	524.142	524.142	---	---	MAX
MIN	---	---	---	---	524.095	524.118	524.151	524.136	524.103	524.089	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 524.183 ON JUL 5

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 04 46 N
LONG 109 12 23 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NAKWA RIVER AT OUTLET OF NAKWA LAKE - STATION NO. 06AD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.003B	0.030	0.086	0.041	0.190	0.213	0.014	0.011B	---	1
2	---	---	0.001B	0.003B	0.028	0.083	0.101	0.292	0.210	0.012	0.007B	---	2
3	---	---	0.001B	0.003B	0.025	0.075	0.136	0.316	0.221	0.028	0.003B	---	3
4	---	---	0.001B	0.003B	0.034	0.065	0.251	0.274	0.230	0.042	---	---	4
5	---	---	0.001B	0.003B	0.045	0.076	0.347	0.254	0.215	0.041	---	---	5
6	---	---	0.001B	0.003B	0.060	0.118	0.435	0.263	0.188	0.033	---	---	6
7	---	---	0.001B	0.003B	0.059	0.137	0.421	0.258	0.174	0.033	---	---	7
8	---	---	0.001B	0.003B	0.047	0.172	0.278	0.242	0.167	0.042	---	---	8
9	---	---	0.001B	0.003B	0.033	0.193	0.276	0.246	0.160	0.108	---	---	9
10	---	---	0.001B	0.003B	0.032	0.167	0.294	0.275	0.148	0.250	---	---	10
11	---	---	0.001B	0.003B	0.035	0.131	0.242	0.291	0.133	0.264	---	---	11
12	---	---	0.001B	0.003B	0.041	0.111	0.138	0.363	0.193	0.263	---	---	12
13	---	---	0.001B	0.003B	0.056	0.107	0.089	0.378	0.187	0.264	---	---	13
14	---	---	0.001B	0.004B	0.067	0.093	0.181	0.352	0.169	0.280	---	---	14
15	---	---	0.001B	0.006B	0.061	0.093	0.281	0.392	0.133	0.217	---	---	15
16	---	---	0.001B	0.010B	0.061	0.100	0.162	0.419	0.124	0.175	---	---	16
17	---	---	0.001B	0.012B	0.045	0.099	0.189	0.402	0.113	0.226	---	---	17
18	---	---	0.001B	0.010B	0.029	0.093	0.236	0.428	0.114	0.187	---	---	18
19	---	---	0.001B	0.009B	0.022	0.079	0.211	0.468	0.099	0.040	---	---	19
20	---	---	0.001B	0.010B	0.035	0.075	0.172	0.468	0.079	0.029	---	---	20
21	---	---	0.002B	0.017B	0.037	0.076	0.166	0.439	0.061	0.022	---	---	21
22	---	---	0.002B	0.016B	0.032	0.088	0.218	0.501	0.021	0.017	---	---	22
23	---	---	0.002B	0.014B	0.038	0.111	0.034	0.434	0.005	0.019	---	---	23
24	---	---	0.002B	0.012B	0.043	0.096	0.027	0.397	0.010	0.017	---	---	24
25	---	---	0.002B	0.010B	0.069	0.108	0.045	0.361	0.018	0.017	---	---	25
26	---	---	0.002B	0.008B	0.087	0.126	0.102	0.310	0.014	0.017	---	---	26
27	---	---	0.003B	0.010B	0.080	0.136	0.118	0.271	0.010	0.025	---	---	27
28	---	---	0.003B	0.014B	0.073	0.119	0.139	0.238	0.009	0.017B	---	---	28
29	---		0.003B	0.016B	0.065	0.081	0.161	0.234	0.013	0.028B	---	---	29
30	---		0.003B	0.023	0.057	0.055	0.166	0.233	0.015	0.023B	---	---	30
31	---		0.003B		0.070		0.178	0.222		0.017B		---	31
TOTAL	---	---	0.047	0.240	1.496	3.145	5.835	10.211	3.446	2.767	---	---	TOTAL
MEAN	---	---	0.002	0.008	0.048	0.105	0.188	0.329	0.115	0.089	---	---	MEAN
MAX	---	---	0.003	0.023	0.087	0.193	0.435	0.501	0.238	0.280	---	---	MAX
MIN	---	---	0.001	0.003	0.022	0.055	0.027	0.190	0.005	0.012	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.111
MAXIMUM DAILY, 0.501 ON AUG 22
MINIMUM DAILY, 0.001B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.514 AT 13:46 CST ON AUG 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 40 N
LONG 109 12 00 W
DRAINAGE AREA, 1 420 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	504
FEB	---	AUG	882
MAR	4.06	SEP	298
APR	20.7	OCT	239
MAY	129	NOV	---
JUN	272	DEC	---

TOTAL DISCHARGE, 2 350 dam³

HANNA RIVER AT RAPID VIEW - STATION NO. 06AD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	11.6	0.832	0.856	0.349	0.492	0.484	0.695	---	1
2	---	---	0B	0 B	10.2	0.808	0.946	0.593	0.351	0.511	0.550A	---	2
3	---	---	0B	0 B	8.67	0.804	1.20	0.757	0.300	0.603	---	---	3
4	---	---	0B	0 B	7.36	0.802	1.04	0.783	0.323	0.746	---	---	4
5	---	---	0B	0 B	6.17	0.800	2.10	0.742	0.453	0.888	---	---	5
6	---	---	0B	0 B	5.01	0.796	2.24	0.784	0.541	0.901	---	---	6
7	---	---	0B	0 B	4.28	0.785	2.01	0.893	0.442	0.768	---	---	7
8	---	---	0B	0 B	4.00	0.917	2.06	0.912	0.531	0.615	---	---	8
9	---	---	0B	0 B	3.85	0.880	2.13	0.814	0.540	0.497	---	---	9
10	---	---	0B	0 B	3.77	0.863	1.97	0.728	0.457	0.473	---	---	10
11	---	---	0B	0 B	3.52	0.982	1.39	0.696	0.489	0.564	---	---	11
12	---	---	0B	0 B	3.03	0.735	1.01	0.655	0 474	0.638	---	---	12
13	---	---	0B	0.001B	2.80	0.748	0.688	0.653	0.437	0.638	---	---	13
14	---	---	0B	0.005B	2.65	0.848	0.640	0.663	0.370	0.684	---	---	14
15	---	---	0B	0.032B	2.62	0.843	0.333	0.623	0.320	1.10	---	---	15
16	---	---	0B	0.084B	2.44	0.878	0.322	0.615	0.370	1.21	---	---	16
17	---	---	0B	1.11 B	2.27	0.860	0.311	0.600	0.340	1.18	---	---	17
18	---	---	0B	0.772B	2.15	0.820	0.312	0.605	0.345	1.07	---	---	18
19	---	---	0B	1.47 B	2.12	0.798	0.310	0.620	0.306	1.05	---	---	19
20	---	---	0B	1.91 B	2.17	0.820	0.310	0.640	0.354	0.988	---	---	20
21	---	---	0B	2.83 B	2.16	0.840	0.288	0.668	0.340	0.935	---	---	21
22	---	---	0B	4.16 B	1.96	0.865	0.456	0.618	0.326	0.883	---	---	22
23	---	---	0B	5.96 B	1.78	0.890	0.547	0.590	0.328	0.896	---	---	23
24	---	---	0B	10.7 B	1.67	0.850	0.482	0.676	0.330	0.963	---	---	24
25	---	---	0B	13.2	1.36	0.830	0.451	0.639	0.335	1.00	---	---	25
26	---	---	0B	14.7	1.32	0.920	0.403	0.668	0.340	1.00	---	---	26
27	---	---	0B	15.1	1.31	1.05	0.365	0.721	0.345	1.08	---	---	27
28	---	---	0B	14.9	1.11	1.14	0.265	0.708	0.350	1.39	---	---	28
29	---		0B	13.8	1.04	1.03	0.172	0.655	0.400	1.07	---	---	29
30	---		0B	12.9	1.00	0.901	0.197	0.554	0.440	0.814	---	---	30
31	---		0B		0.879		0.263	0.552		0.691		---	31
TOTAL	---	---	0	113.634	106.169	25.875	26.607	20.766	11.769	26.326	---	---	TOTAL
MEAN	---	---	0	3.79	3.42	0.863	0.858	0.670	0.392	0.849	---	---	MEAN
MAX	---	---	0	15.1	11.6	1.14	2.24	0.912	0.541	1.39	---	---	MAX
MIN	---	---	0	0	0.879	0.735	0.172	0.349	0.300	0.473	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.35
MAXIMUM DAILY, 15.1 ON APR 27
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
15.2 AT 12:02 CST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 50 N
LONG 108 48 20 W
DRAINAGE AREA, 2 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 300
FEB	---	AUG	1 790
MAR	0	SEP	1 020
APR	9 820	OCT	2 270
MAY	9 170	NOV	---
JUN	2 240	DEC	---

TOTAL DISCHARGE, 28 600 dam³

MALONECK CREEK NEAR PELLY - STATION NO. 05LE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.004	0.176	0.001	0.057	0.001A	0.001E	---	---	1
2	---	---	0B	0 B	0.004	0.314	0.001	0.065	0.001E	0.001E	---	---	2
3	---	---	0B	0 B	0.006	0.197	0.001	0.056	0.001E	0.001E	---	---	3
4	---	---	0B	0 B	0.004	0.169	0.001	0.047	0.001E	0.001E	---	---	4
5	---	---	0B	0 B	0.003	0.135	0.001	0.037	0.001E	0.001E	---	---	5
6	---	---	0B	0 B	0.002	0.110	0.001	0.028	0.001E	0.001A	---	---	6
7	---	---	0B	0 B	0.003	0.092	0.001	0.021	0.001E	0.001E	---	---	7
8	---	---	0B	0.008B	0.003	0.083	0.001	0.015	0.001E	0.001E	---	---	8
9	---	---	0B	0.003B	0.003	0.064	0.001	0.010	0.001E	0.001E	---	---	9
10	---	---	0B	0.013B	0.002	0.149	0.001	0.008	0.001E	0.001E	---	---	10
11	---	---	0B	0.023B	0.002	0.065	0.001	0.006	0.001E	0.001E	---	---	11
12	---	---	0B	0.010B	0.002	0.045	0.001	0.006	0.001E	0.001E	---	---	12
13	---	---	0B	0.010B	0.002	0.035	0.001	0.006	0.001E	0.001E	---	---	13
14	---	---	0B	0.011B	0.003	0.043	0.001	0.006	0.001E	0.001E	---	---	14
15	---	---	0B	0.012B	0.002	0.034	0.001	0.005	0.001E	0.001E	---	---	15
16	---	---	0B	0.013B	0.002	0.026	0.001	0.005	0.001E	0.001E	---	---	16
17	---	---	0B	0.015B	0.003	0.022	0.008	0.004	0.001E	0.001E	---	---	17
18	---	---	0B	0.013B	0.004	0.018	0.038	0.003	0.001E	0.001E	---	---	18
19	---	---	0B	0.012B	0.003	0.015	0.378	0.002E	0.001E	0.001E	---	---	19
20	---	---	0B	0.011B	0.003	0.008	0.656	0.002E	0.001E	0.001E	---	---	20
21	---	---	0B	0.010B	0.003	0.006	0.604	0.002E	0.001E	0.001E	---	---	21
22	---	---	0B	0.008	0.002	0.005	0.491	0.002E	0.001E	0.001E	---	---	22
23	---	---	0B	0.009	0.002	0.006	0.374	0.002E	0.001E	0.001E	---	---	23
24	---	---	0B	0.008	0.002	0.005	0.301	0.002E	0.001E	0.001E	---	---	24
25	---	---	0B	0.007	0.002	0.003	0.252	0.002E	0.001E	0.001E	---	---	25
26	---	---	0B	0.007	0.001	0.003	0.195	0.001E	0.001E	0.001E	---	---	26
27	---	---	0B	0.007	0.002	0.002	0.156	0.001E	0.001E	0.001E	---	---	27
28	---	---	0B	0.003	0.006	0.002	0.112	0.001E	0.001E	0.001E	---	---	28
29	---		0B	0.004	0.007	0.001	0.105	0.001E	0.001E	0.001A	---	---	29
30	---		0B	0.004	0.009	0.001	0.081	0.001E	0.001E	0.001E	---	---	30
31	---		0B		0.019		0.065	0.001E		0.001E		---	31
TOTAL	---	---	0	0.229	0.115	1.834	3.832	0.405	0.030	0.031	---	---	TOTAL
MEAN	---	---	0	0.008	0.004	0.061	0.124	0.013	0.001	0.001	---	---	MEAN
MAX	---	---	0	0.023	0.019	0.314	0.656	0.065	0.001	0.001	---	---	MAX
MIN	---	---	0	0	0.001	0.001	0.001	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.026
MAXIMUM DAILY, 0.656 ON JUL 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.697 AT 11:29 CST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 08 N
LONG 101 34 50 W
DRAINAGE AREA, 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	331
FEB	---	AUG	35.0
MAR	0	SEP	2.59
APR	19.8	OCT	2.68
MAY	9.94	NOV	---
JUN	158	DEC	---

TOTAL DISCHARGE, 559 dam³

MANITO LAKE NEAR MARSDEN - STATION NO. 05GA006

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	24.673E	24.695	24.691E	---	---	---	---	1
2	---	---	---	---	---	24.673E	24.695	24.687E	---	---	---	---	2
3	---	---	---	---	---	24.675E	24.695E	24.684	---	---	---	---	3
4	---	---	---	---	---	24.675E	24.695	24.683	---	---	---	---	4
5	---	---	---	---	---	24.677E	24.695E	24.680E	---	---	---	---	5
6	---	---	---	---	---	24.677E	24.695E	24.676E	---	---	---	---	6
7	---	---	---	---	---	24.679E	24.695E	24.673	---	24.539	---	---	7
8	---	---	---	---	---	24.679E	24.694E	24.673	---	---	---	---	8
9	---	---	---	---	---	24.681E	24.694E	24.670E	---	---	---	---	9
10	---	---	---	---	---	24.691	24.694	24.668E	---	---	---	---	10
11	---	---	---	---	---	24.691	24.694E	24.665E	---	---	---	---	11
12	---	---	---	---	---	24.691E	24.694	24.662	---	---	---	---	12
13	---	---	---	---	---	24.691	24.694	24.662	---	---	---	---	13
14	---	---	---	---	---	24.696	24.694E	24.657E	---	---	---	---	14
15	---	---	---	---	---	24.696E	24.693E	24.652E	---	---	---	---	15
16	---	---	---	---	---	24.695	24.693	24.647E	---	---	---	---	16
17	---	---	---	---	---	24.695	24.693E	24.642	---	---	---	---	17
18	---	---	---	---	---	24.695E	24.693	24.638E	---	---	---	---	18
19	---	---	---	---	---	24.695	24.693E	24.633	---	---	---	---	19
20	---	---	---	---	---	24.695E	24.694E	24.623	---	---	---	---	20
21	---	---	---	---	---	24.694	24.694	24.619E	---	---	---	---	21
22	---	---	---	---	---	24.695E	24.694E	24.615E	---	---	---	---	22
23	---	---	---	---	---	24.695	24.693E	24.611	---	---	---	---	23
24	---	---	---	---	---	24.695E	24.693E	24.611E	---	---	---	---	24
25	---	---	---	---	---	24.695	24.692E	24.611	---	---	---	---	25
26	---	---	---	---	---	24.695E	24.692	24.612E	---	---	---	---	26
27	---	---	---	---	---	24.695E	24.692	24.613E	---	---	---	---	27
28	---	---	---	---	24.671	24.695E	24.692	24.615	---	---	---	---	28
29	---		---	---	---	24.695	24.692	24.614E	---	---	---	---	29
30	---		---	---	---	24.695E	24.692	24.614E	---	---	---	---	30
31	---		---		---		24.694	24.614		---		---	31
MEAN	---	---	---	---	---	24.689	24.694	24.646	---	---	---	---	MEAN
MAX	---	---	---	---	---	24.696	24.695	24.691	---	---	---	---	MAX
MIN	---	---	---	---	---	24.673	24.692	24.611	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 47 33 N
LONG 109 47 14 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MAPLE CREEK BELOW JUNCTION RESERVOIR - STATION NO. 05HA076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.042B	0.007B	1.42	0.005	0.003	2.17	0	0.001	---	---	1
2	---	0 B	0.061B	0.007B	1.52	0.005	0.007	2.15	0	0.001	---	---	2
3	---	0 B	0.055B	0.019B	1.55	0.005	0.006	1.22	0	0	---	---	3
4	---	0 B	0.048B	0.011B	1.49	0.005	0.004	0.003	0	0	---	---	4
5	---	0 B	0.045B	0.013B	1.47	0.005	0.003	1.07	0	0	---	---	5
6	---	0 B	0.042B	0.011B	1.38	0.005	0.003	4.38	0	0	---	---	6
7	---	0 B	0.041B	0.067B	1.32	0.005	0.003	4.30	0	0	---	---	7
8	---	0 B	0.043B	0.017B	1.13	0.005	0.003	4.19	0	0	---	---	8
9	---	0 B	0.052B	0.009B	0.882	0.005	0.003	4.13	0	0	---	---	9
10	---	0 B	0.127B	0.008	0.396	0.005	0.002	4.39	0.007	0	---	---	10
11	---	0 B	0.226B	0.009	0.003	0.004	0.002	4.54	0.006	0	---	---	11
12	---	0 B	0.095B	0.009	0.003	0.004	0.002	4.41	0.005	0	---	---	12
13	---	0 B	0.029B	0.008	0.002	0.003	0.002	4.35	0.004	0	---	---	13
14	---	0 B	0.028B	0.007	0.001	0.003	0.002	4.00	0.003	0	---	---	14
15	---	0 B	0.012B	0.005	0.001	0.003	0.002	3.16	0.002	0	---	---	15
16	---	0 B	0.027B	0.004	0.002	0.003	0.003	2.58	0	0	---	---	16
17	---	0 B	0.184B	0.003	0.001	0.002	0.005	2.12	0	0	---	---	17
18	---	0 B	0.114B	0.004	0.002	0.002	0.003	1.11	0	0.002	---	---	18
19	---	0 B	0.011B	0.002	0.003	0.002	0.002	0.010	0	0.001	---	---	19
20	---	0.004B	0.009B	0.001	0.002	0.002	0.001	0.005	0	0.001	---	---	20
21	---	0.012B	0.009B	0	0.002	0.001	0.002	0.002	0	0.001	---	---	21
22	---	0.007B	0.010B	1.33	0.003	0.001	0.002	0.001	0	0.001	---	---	22
23	---	0.006B	0.010B	2.43	0.003	0.001	0.001	0	0.021	0.001	---	---	23
24	---	0.005B	0.009B	2.39	0.003	0.002	0.001	0.001	0.005	0.001	---	---	24
25	---	0.006B	0.027B	2.28	0.002	0.002	0	0.001	0.028	0.002A	---	---	25
26	---	0.008B	0.011B	2.09	0.003	0.002	0.003	0.002	0.003	0.002E	---	---	26
27	---	0.010B	0.013B	1.68	0.005	0.003	0.003	0.002	0.001	0.002E	---	---	27
28	---	0.015B	0.008B	1.50	0.006	0.004	0.002	0.002	0.001	0.002E	---	---	28
29	---		0.022B	1.43	0.010	0.004	0.453	0.002	0.001	0.002E	---	---	29
30	---		0.015B	1.42	0.006	0.004	1.71	0	0.002	0.002E	---	---	30
31	---		0.009B		0.005		2.22	0		0.002E		---	31
TOTAL	---	0.073	1.434	16.771	12.626	0.102	4.458	54.261	0.089	0.024	---	---	TOTAL
MEAN	---	0.003	0.046	0.559	0.407	0.003	0.144	1.75	0.003	0.001	---	---	MEAN
MAX	---	0.015	0.226	2.43	1.55	0.005	2.22	4.54	0.028	0.002	---	---	MAX
MIN	---	0	0.008	0	0.001	0.001	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.366
MAXIMUM DAILY, 4.54 ON AUG 11
MINIMUM DAILY, 0 ON APR 21
MAXIMUM INSTANTANEOUS,
4.66 AT 14:02 CST ON AUG 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 52 N
LONG 109 31 22 W
DRAINAGE AREA, 1 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	385
FEB	6.31	AUG	4 690
MAR	124	SEP	7.69
APR	1 450	OCT	2.07
MAY	1 090	NOV	---
JUN	8.81	DEC	---

TOTAL DISCHARGE, 7 760 dam³

MARSEAN LAKE NEAR CHELAN - STATION NO. 05LB012

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	532.725E	532.788E	532.795	532.749E	532.673E	532.625E	532.588E	---	1
2	---	---	---	---	532.735E	532.790	532.785E	532.740E	532.672	532.624E	532.583	---	2
3	---	---	---	---	532.729	532.789E	532.784E	532.747	532.670E	532.622E	---	---	3
4	---	---	---	---	532.729E	532.788	532.744E	532.745E	532.669E	532.621E	---	---	4
5	---	---	---	---	532.728E	532.789E	532.743E	532.744E	532.667E	532.620	---	---	5
6	---	---	---	---	532.728E	532.791E	532.743	532.742	532.666E	532.618E	---	---	6
7	---	---	---	---	532.728E	532.793E	532.747E	532.736E	532.664	532.616E	---	---	7
8	---	---	---	---	532.728E	532.795	532.752E	532.730E	532.662E	532.614	---	---	8
9	---	---	---	---	532.727E	532.791E	532.756E	532.724	532.659E	532.613E	---	---	9
10	---	---	---	---	532.727	532.787	532.761	532.724	532.656E	532.612E	---	---	10
11	---	---	---	---	532.727E	532.787	532.760E	532.720	532.653E	532.612E	---	---	11
12	---	---	---	---	532.728E	532.786E	532.760	532.714E	532.650E	532.611E	---	---	12
13	---	---	---	---	532.728E	532.785	532.765E	532.708	532.648E	532.610E	---	---	13
14	---	---	---	---	532.728E	532.788E	532.769E	532.705E	532.645	532.609	---	---	14
15	---	---	---	---	532.728E	532.791E	532.773E	532.703E	532.644E	532.608E	---	---	15
16	---	---	---	---	532.729E	532.795	532.778E	532.700E	532.642E	532.608E	---	---	16
17	---	---	---	---	532.729	532.789E	532.782	532.698E	532.641E	532.607	---	---	17
18	---	---	---	---	532.730	532.783E	532.781E	532.695	532.640E	532.605E	---	---	18
19	---	---	---	---	532.732E	532.778E	532.780E	532.694E	532.639E	532.603E	---	---	19
20	---	---	---	---	532.733E	532.772	532.780E	532.693	532.638E	532.601E	---	---	20
21	---	---	---	---	532.735	532.771E	532.779E	532.692E	532.637E	532.599E	---	---	21
22	---	---	---	---	532.735E	532.769E	532.778E	532.691	532.635E	532.597E	---	---	22
23	---	---	---	---	532.735	532.767E	532.777	532.693E	532.634E	532.595E	---	---	23
24	---	---	---	---	532.734	532.765E	532.773	532.696E	532.633E	532.593E	---	---	24
25	---	---	---	---	532.742E	532.764	532.770E	532.699	532.632E	532.591	---	---	25
26	---	---	---	---	532.749E	532.760E	532.767E	532.692E	532.631E	532.590E	---	---	26
27	---	---	---	---	532.756E	532.757E	532.764E	532.685E	532.630E	532.589E	---	---	27
28	---	---	---	---	532.764E	532.753E	532.760E	532.678	532.628E	532.588E	---	---	28
29	---		---	---	532.771E	532.749	532.757E	532.677E	532.627E	532.587E	---	---	29
30	---		---	---	532.779E	532.747E	532.754E	532.676E	532.626E	532.586E	---	---	30
31	---		---		532.786		532.751	532.675E		532.585E		---	31
MEAN	---	---	---	---	532.737	532.779	532.763	532.709	532.647	532.605	---	---	MEAN
MAX	---	---	---	---	532.786	532.795	532.782	532.749	532.673	532.625	---	---	MAX
MIN	---	---	---	---	532.725	532.747	532.743	532.675	532.626	532.585	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 532.795 ON JUN 8

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 57 N
LONG 103 34 29 W

E - ESTIMATED

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MCDONALD CREEK NEAR MCCORD - STATION NO. 05JA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.422B	1.34 B	0.014	1.07	0.016	0.003	0.002	0.002	0.001	---	1
2	---	0 B	0.312B	1.08 B	0.013	0.606	0.014	0.003	0.001	0.002	0.001A	---	2
3	---	0 B	0.285B	0.718B	0.011	0.380	0.012	0.002	0.001	0.002	---	---	3
4	---	0 B	0.156B	0.513B	0.008	0.314	0.010	0.002	0.001	0.001	---	---	4
5	---	0 B	0.157B	0.275B	0.008	0.245	0.009	0.001	0.002	0.001	---	---	5
6	---	0 B	0.041B	0.186B	0.008	0.184	0.008	0.001	0.002	0.001	---	---	6
7	---	0 B	0.029B	0.156B	0.008	0.154	0.007	0	0.001	0.001	---	---	7
8	---	0 B	0.018B	0.113B	0.007	0.128	0.007	0	0.001	0.001	---	---	8
9	---	0 B	0.017B	0.121B	0.007	0.108	0.006	0	0.001	0.001	---	---	9
10	---	0 B	0.021B	0.144B	0.009	0.089	0.006	0	0.001	0.001	---	---	10
11	---	0 B	0.855B	0.343B	0.015	0.074	0.005	0.019	0.001	0.001	---	---	11
12	---	0 B	10.3 B	0.872B	0.019	0.064	0.005	0.254	0.001	0.001	---	---	12
13	---	0 B	3.58 B	1.05 B	0.020	0.055	0.004	0.119	0.001	0.002	---	---	13
14	---	0 B	7.75 B	0.638	0.019	0.045	0.004	0.021	0.001	0.003	---	---	14
15	---	0 B	6.37 B	0.284	0.019	0.040E	0.004	0.007	0.001	0.002	---	---	15
16	---	0 B	2.92 B	0.192	0.019	0.043E	0.005	0.004	0.001	0.002	---	---	16
17	---	0 B	1.43 B	0.165	0.021	0.042E	0.008	0.003	0.001	0.002	---	---	17
18	---	0 B	0.763B	0.147	0.021	0.040E	0.007	0.003	0.001	0.002	---	---	18
19	---	0 B	0.509B	0.131	0.021	0.050E	0.006	0.003	0.001	0.002	---	---	19
20	---	0 B	0.309B	0.113	0.022	0.060E	0.004	0.003	0.001	0.001	---	---	20
21	---	1.50 B	0.261B	0.108	0.028	0.055E	0.003	0.003	0.001	0.001	---	---	21
22	---	1.80 B	0.262B	0.091	0.036	0.050A	0.004	0.003	0.001	0.002	---	---	22
23	---	2.38 B	0.528B	0.072	0.040	0.040	0.003	0.002	0.001	0.001	---	---	23
24	---	2.12 B	1.22 B	0.062	0.042	0.034	0.003	0.002	0.001	0.001	---	---	24
25	---	1.77 B	1.36 B	0.045	0.043	0.030	0.003	0.002	0.001	0.001	---	---	25
26	---	1.27 B	1.28 B	0.033	0.040	0.025	0.004	0.003	0.001	0.001	---	---	26
27	---	0.910B	1.58 B	0.029	0.031	0.018	0.006	0.003	0.002	0.001	---	---	27
28	---	0.645B	2.12 B	0.023	0.351	0.018	0.006	0.002	0.003	0.001	---	---	28
29	---		2.53 B	0.021	6.17	0.018	0.004	0.002	0.003	0.001	---	---	29
30	---		2.44 B	0.016	6.23	0.018	0.004	0.002	0.002	0.001	---	---	30
31	---		2.02 B		2.23		0.003	0.002		0.001		---	31
TOTAL	---	12.395	51.845	9.081	15.530	4.097	0.190	0.474	0.039	0.043	---	---	TOTAL
MEAN	---	0.443	1.67	0.303	0.501	0.137	0.006	0.015	0.001	0.001	---	---	MEAN
MAX	---	2.38	10.3	1.34	6.23	1.07	0.016	0.254	0.003	0.003	---	---	MAX
MIN	---	0	0.017	0.016	0.007	0.018	0.003	0	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.332
MAXIMUM DAILY, 10.3B ON MAR 12
MINIMUM DAILY, 0 ON AUG 7
MAXIMUM INSTANTANEOUS,
20.0B AT 09:36 CST ON MAR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 14 N
LONG 106 50 05 W

DRAINAGE AREA, 257 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	16.4
FEB	1 070	AUG	41.0
MAR	4 480	SEP	3.37
APR	785	OCT	3.72
MAY	1 340	NOV	---
JUN	354	DEC	---

TOTAL DISCHARGE, 7 020 dam³

MCDONALD TRIBUTARY NEAR TOTHES - STATION NO. 05HF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.010	0.023	0	0	3	0	---	---	1
2	---	---	0B	0 B	0.006	0.014	0.690	0	0	0	---	---	2
3	---	---	0B	0 B	0.004	0.010	0.111	0	0	0	---	---	3
4	---	---	0B	0 B	0.004	0.006	0.112	0	0	0	---	---	4
5	---	---	0B	0 B	0.003	0.004	0.027	0	0	0	---	---	5
6	---	---	0B	0 B	0.003	0.004	0.009	0	0	0	---	---	6
7	---	---	0B	0 B	0.003	0.004	0.006	0	0	0	---	---	7
8	---	---	0B	0 B	0.003	0.003	0.003	0	0	0	---	---	8
9	---	---	0B	0 B	0.002	0.003	0.003	0	0	0	---	---	9
10	---	---	0B	0 B	0.002	0.002	0.002	0	0	0	---	---	10
11	---	---	0B	0 B	0.002	0.002	0.001	0	0	0	---	---	11
12	---	---	0B	0 B	0.001	0.001	0	0	0	0	---	---	12
13	---	---	0B	0.935B	0.001	0	0	0	0	0	---	---	13
14	---	---	0B	0.751B	0.001	0	0	0	0	0	---	---	14
15	---	---	0B	0.689	0.001	0.002	0	0	0	0	---	---	15
16	---	---	0B	0.491	0.002	0.004	0	0	0	0	---	---	16
17	---	---	0B	1.18	0.003	0.003	0	0	0	0	---	---	17
18	---	---	0B	0.940	0.003	0.002	0	0	0	0	---	---	18
19	---	---	0B	0.521	0.003	0.001	0	0	0	0	---	---	19
20	---	---	0B	0.315	0.006	0	0	0	0	0	---	---	20
21	---	---	0B	0.241	0.005	0	0	0	0	0	---	---	21
22	---	---	0B	0.187	0.004	0	0	0	0	0	---	---	22
23	---	---	0B	0.152	0.003	0	0	0	0	0	---	---	23
24	---	---	0B	0.124	0.003	0	0	0	0	0	---	---	24
25	---	---	0B	0.092	0.002	0	0	0	0	0	---	---	25
26	---	---	0B	0.060	0.002	0	0	0	0	0	---	---	26
27	---	---	0B	0.039	0.022	0	0	0	0	0	---	---	27
28	---	---	0B	0.030	0.009	0	0	0	0	0	---	---	28
29	---		0B	0.023	0.048	0	0	0	0	0	---	---	29
30	---		0B	0.015	0.050	0	0	0	0	0	---	---	30
31	---		0B		0.034		0	0		0		---	31
TOTAL	---	---	0	6.785	0.245	0.088	0.962	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.226	0.008	0.003	0.031	0	0	0	---	---	MEAN
MAX	---	---	0	1.18	0.050	0.023	0.690	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.033
MAXIMUM DAILY, 1.18 ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
11.0 AT 19:22 CST ON JUL 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 04 N
LONG 108 26 56 W
DRAINAGE AREA, 46.1 km²

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	83.1
FEB	---	AUG	0
MAR	0	SEP	0
APR	586	OCT	0
MAY	21.2	NOV	---
JUN	7.60	DEC	---

TOTAL DISCHARGE, 698 dam³

MCKINNON DITCH NEAR CONSUL - STATION NO. 11AB044

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	1.13	0	0	0	0	---	---	12
13	---	---	0	0	0	1.52	0	0	0	0	---	---	13
14	---	---	0	0	0	1.55	0	0	0	0	---	---	14
15	---	---	0	0	0	1.54	0	0	0	0	---	---	15
16	---	---	0	0	0	1.52	0	0	0	0	---	---	16
17	---	---	0	0	0	1.53	0	0	0	0	---	---	17
18	---	---	0	0	0	1.40	0	0	0	0	---	---	18
19	---	---	0	0	0	1.07	0	0	0	0	---	---	19
20	---	---	0	0	0	0.880	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	12.060	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0.402	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	1.55	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.049
MAXIMUM DAILY, 1.55 ON JUN 14
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 00 N
LONG 109 29 40 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	1 040	DEC	---

TOTAL DISCHARGE, 1 040 dam³

MEADOW RIVER BELOW MEADOW LAKE - STATION NO. 08AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.024B	0.001B	0B	0 B	8.91	8.12	1.81	0.883	0.151	0.130E	0.097A	0.330B	1
2	0.024B	0.001B	0B	0 B	10.0	7.90	1.81	0.777	0.161	0.160E	0.090	0.326B	2
3	0.023B	0.001B	0B	0 B	11.0	7.26	1.76	0.738	0.165	0.200E	0.093	0.323B	3
4	0.023B	0 B	0B	0 B	11.8	7.02	1.83	0.693	0.160	0.240E	0.476	0.321B	4
5	0.023B	0 B	0B	0 B	12.7	6.36	1.81	0.668	0.172	0.270E	0.469	0.320B	5
6	0.022B	0 B	0B	0 B	12.7	6.14	1.71	0.595	0.160	0.310E	0.462	0.322B	6
7	0.022B	0 B	0B	0 B	13.7	6.38	1.56	0.507	0.150	0.360E	0.456	0.330B	7
8	0.021B	0 B	0B	0 B	14.2	5.85	1.48	0.544	0.145	0.410E	0.450	0.343B	8
9	0.021B	0 B	0B	0 B	14.5	5.56	1.52	0.563	0.160	0.460E	0.444	0.361B	9
10	0.020B	0 B	0B	0 B	14.9	5.37	1.48	0.551	0.102	0.490E	0.438	0.365B	10
11	0.020B	0 B	0B	0 B	15.3	5.29	1.41	0.442	0.087	0.510E	0.432	0.376B	11
12	0.019B	0 B	0B	0.001B	14.9	4.97	1.47	0.361	0.092	0.520E	0.426	0.385B	12
13	0.018B	0 B	0B	0.030B	14.6	4.76	1.56	0.385	0.101	0.530E	0.420	0.393B	13
14	0.017B	0 B	0B	0.040B	14.6	4.47	1.73	0.315	0.108	0.540E	0.414	0.402B	14
15	0.016B	0 B	0B	0.054B	14.5	4.06	1.62	0.292	0.100	0.545E	0.408	0.411B	15
16	0.015B	0 B	0B	0.077B	14.1	3.87	1.50	0.297	0.107	0.550E	0.402	0.418B	16
17	0.014B	0 B	0B	0.079B	13.6	3.68	1.52	0.264	0.105	0.550E	0.396	0.427B	17
18	0.013B	0 B	0B	0.126B	13.4	3.12	1.51	0.220	0.089	0.548E	0.390	0.433B	18
19	0.012B	0 B	0B	0.164B	13.1	2.88	1.35	0.204	0.098	0.546E	0.385	0.439B	19
20	0.011B	0 B	0B	0.155B	12.8	2.79	1.27	0.204	0.097	0.544E	0.380	0.437B	20
21	0.010B	0 B	0B	0.280B	12.5	2.70	1.33	0.199	0.094	0.542E	0.375	0.438B	21
22	0.009B	0 B	0B	0.359B	12.4	2.32	1.33	0.214	0.082	0.540E	0.370	0.444B	22
23	0.008B	0 B	0B	0.502B	11.5	2.39	1.16	0.185	0.085	0.536E	0.365B	0.465B	23
24	0.007B	0 B	0B	0.825B	11.0	2.88	1.17	0.185	0.086	0.532E	0.360B	0.469B	24
25	0.006B	0 B	0B	1.34 B	10.6	2.29	1.19	0.161	0.086	0.528E	0.355B	0.472B	25
26	0.005B	0 B	0B	2.12 B	9.96	2.14	1.12	0.142	0.086A	0.524E	0.350B	0.474B	26
27	0.004B	0 B	0B	3.23	9.90	1.96	1.05	0.192	0.088E	0.520E	0.346B	0.477B	27
28	0.003B	0 B	0B	4.62	9.39	1.84	0.950	0.157	0.090E	0.516E	0.342B	0.480B	28
29	0.002B		0B	6.06	9.20	1.73	0.920	0.146	0.095E	0.512E	0.338B	0.484B	29
30	0.001B		0B	7.54	8.82	1.93	0.834	0.198	0.100E	0.507E	0.334B	0.488B	30
31	0.001B		0B		8.41		0.816	0.184		0.502E		0.492B	31
TOTAL	0.434	0.003	0	27.602	378.29	127.53	43.580	11.396	3.402	14.162	12.253	12.639	TOTAL
MEAN	0.014	0	0	0.920	12.2	4.25	1.41	0.368	0.113	0.457	0.408	0.408	MEAN
MAX	0.024	0.001	0	7.54	15.2	8.12	1.83	0.883	0.172	0.550	0.497	0.492	MAX
MIN	0.001	0	0	0	8.41	1.73	0.816	0.142	0.082	0.120	0.334	0.320	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.73
MAXIMUM DAILY, 15.2 ON MAY 11
MINIMUM DAILY, 0B ON FEB 6
MAXIMUM INSTANTANEOUS,
15.7 AT 16:21 CST ON MAY 13

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 10 N
LONG 108 23 40 W
DRAINAGE AREA, 3 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37.5	JUL	3 770
FEB	0.26	AUG	985
MAR	0	SEP	294
APR	2 380	OCT	1 220
MAY	32 700	NOV	1 060
JUN	11 000	DEC	1 090

TOTAL DISCHARGE, 54 500 dam³

MIDDLE CREEK ABOVE LODGE CREEK - STATION NO. 11AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.055	0.117	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.035	0.276	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.019	0.434	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.023	0.392	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.041	0.219	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.026	0.150	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.003	0.111	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.010	0.091	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.015	0.072	0	0	0	0	---	---	9
10	---	---	0B	0.020B	0.059	0.062	0	0	0	0	---	---	10
11	---	---	0B	0.053B	0.050	0.055	0	0	0	0	---	---	11
12	---	---	0B	0.140B	0.038	0.068	0	0	0	0	---	---	12
13	---	---	0B	0.272	0.021	0.061	0	0	0	0	---	---	13
14	---	---	0B	0.736	0.005	0.032	0	0	0	0	---	---	14
15	---	---	0B	1.36	0.079	0.010	0	0	0	0	---	---	15
16	---	---	0B	1.48	0.102	0.003	0	0	0	0	---	---	16
17	---	---	0B	1.61	0.117	0.017	0	0	0	0	---	---	17
18	---	---	0B	1.56	0.090	0.016	0	0	0	0	---	---	18
19	---	---	0B	1.11	0.075	0.026	0	0	0	0	---	---	19
20	---	---	0B	0.699	0.265	0.030	0	0	0	0	---	---	20
21	---	---	0B	0.678	0.247	0.035	0	0	0	0	---	---	21
22	---	---	0B	0.785	0.325	0.034	0	0	0	0	---	---	22
23	---	---	0B	0.917	0.288	0.038	0	0	0	0	---	---	23
24	---	---	0B	1.25	0.186	0.027	0	0	0	0	---	---	24
25	---	---	0B	2.34	0.147	0.011	0	0	0	0	---	---	25
26	---	---	0B	1.28	0.126	0.004	0	0	0	0	---	---	26
27	---	---	0B	0.497	0.119	0	0	0	0	0	---	---	27
28	---	---	0B	0.310	0.129	0	0	0	0	0	---	---	28
29	---		0B	0.176	0.344	0	0	0	0	0	---	---	29
30	---		0B	0.116	0.557	0	0	0	0	0	---	---	30
31	---		0B		0.233		0	0		0		---	31
TOTAL	---	---	0	17.389	3.825	2.387	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.580	0.123	0.080	0	0	0	0	---	---	MEAN
MAX	---	---	0	2.34	0.557	0.434	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.003	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.096
MAXIMUM DAILY, 2.34 ON APR 25
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 01 N
LONG 109 49 02 W
DRAINAGE AREA, 717 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 500	OCT	0
MAY	330	NOV	---
JUN	206	DEC	---

TOTAL DISCHARGE, 2 040 dam³

MIDDLE CREEK BELOW MIDDLE CREEK RESERVOIR - STATION NO. 11AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	OB	0 B	0	0.801	0	0	0	0	---	---	1
2	---	---	OB	0 B	0	0	0	0	0	0	---	---	2
3	---	---	OB	0 B	0	0	0	0	0	0	---	---	3
4	---	---	OB	0 B	0	0	0	0	0	0	---	---	4
5	---	---	OB	0 B	0	0	0	0	0	0	---	---	5
6	---	---	OB	0 B	0	0	0	0	0	0	---	---	6
7	---	---	OB	0 B	0	0	0	0	0	0	---	---	7
8	---	---	OB	0 B	0.109	0	0	0	0	0	---	---	8
9	---	---	OB	0 B	0.223	0	0	0	0	0	---	---	9
10	---	---	OB	0 B	0.517	0	0	0	0	0	---	---	10
11	---	---	OB	0 B	0.326	0	0	0	0	0	---	---	11
12	---	---	OB	0 B	0.266	0	0	0	0	0	---	---	12
13	---	---	OB	0 B	0.274	0	0	0	0	0	---	---	13
14	---	---	OB	0 B	0.218	0	0	0	0	0	---	---	14
15	---	---	OB	0 B	0.250	0	0	0	0	0	---	---	15
16	---	---	OB	0 B	0.190	0	0	0	0	0	---	---	16
17	---	---	OB	0 B	0.023	0	0	0	0	0	---	---	17
18	---	---	OB	0 B	0.033	0	0	0	0	0	---	---	18
19	---	---	OB	0 B	0.066	0	0	0	0	0	---	---	19
20	---	---	OB	0 B	0.031	0	0	0	0	0	---	---	20
21	---	---	OB	0 B	0.008	0	0	0	0	0	---	---	21
22	---	---	OB	0.042B	0.005	0	0	0	0	0	---	---	22
23	---	---	OB	0.095	0.003	0	0	0	0	0	---	---	23
24	---	---	OB	0.011	0.001	0	0	0	0	0	---	---	24
25	---	---	OB	0.001	0	0	0	0	0	0	---	---	25
26	---	---	OB	0	0	0	0	0	0	0	---	---	26
27	---	---	OB	0.001	0	0	0	0	0	0	---	---	27
28	---	---	OB	0.001	0	0	0	0	0	0	---	---	28
29	---		OB	0.001	0	0	0	0	0	0	---	---	29
30	---		OB	0	0.005	0	0	0	0	0	---	---	30
31	---		OB		0.003		0	0		0		---	31
TOTAL	---	---	0	0.152	2.551	0.001	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.005	0.082	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.095	0.517	0.001	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.011
MAXIMUM DAILY, 0.517 ON MAY 10
MINIMUM DAILY, OB ON MAR 1
MAXIMUM INSTANTANEOUS,
0.604 AT 14:36 CST ON MAY 10

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 44 N
LONG 109 55 06 W
DRAINAGE AREA, 385 km²

B - ICE CONDITIONS

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	13.1	OCT	0
MAY	220	NOV	---
JUN	0.09	DEC	---

TOTAL DISCHARGE, 233 dam³

MIDDLE CREEK NEAR GOVENLOCK - STATION NO. 11AB108

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	OB	0.002B	0.165	0.668	0.024	0	0	0.002	---	---	1
2	---	---	OB	0.009B	0.109	0.621	0.021	0	0	0.006	---	---	2
3	---	---	OB	0.007B	0.087	0.412	0.015	0	0	0.008	---	---	3
4	---	---	OB	0.009B	0.273	0.268	0.011	0	0	0.010	---	---	4
5	---	---	OB	0.011B	0.269	0.194	0.012	0	0	0.015	---	---	5
6	---	---	OB	0.010B	0.198	0.134	0.011	0	0	0.025	---	---	6
7	---	---	OB	0.011B	0.161	0.112	0.009	0	0	0.027	---	---	7
8	---	---	OB	0.025B	0.120	0.095	0.010	0	0	0.027	---	---	8
9	---	---	OB	0.048B	0.148	0.078	0.009	0	0	0.025	---	---	9
10	---	---	OB	0.072B	0.272	0.066	0.009	0	0	0.025	---	---	10
11	---	---	OB	0.076B	0.180	0.056	0.008	0.001	0	0.025	---	---	11
12	---	---	OB	0.115B	0.525	0.050	0.007	0	0	0.028	---	---	12
13	---	---	OB	0.116B	0.359	0.046	0.007	0	0	0.028	---	---	13
14	---	---	OB	0.170B	0.263	0.042	0.005	0	0	0.027	---	---	14
15	---	---	OB	0.319B	0.283	0.042	0.004	0	0	0.028	---	---	15
16	---	---	OB	0.338B	0.254	0.063	0.003	0	0	0.026	---	---	16
17	---	---	OB	0.628B	0.218	0.057	0.003	0	0	0.027	---	---	17
18	---	---	OB	1.05 B	0.293	0.049	0.002	0	0	0.028	---	---	18
19	---	---	OB	0.500B	0.300	0.044	0.002	0	0	0.030	---	---	19
20	---	---	OB	0.621B	0.274	0.049	0.002	0	0	0.030	---	---	20
21	---	---	OB	0.679B	0.479	0.055	0.002	0	0	0.030	---	---	21
22	---	---	OB	1.05 B	0.281	0.052	0.001	0	0	0.031	---	---	22
23	---	---	OB	2.19 B	0.183	0.042	0.001	0	0	0.032	---	---	23
24	---	---	OB	2.22	0.130	0.035	0.001	0	0	0.032	---	---	24
25	---	---	OB	1.22	0.104	0.030	0.001	0	0	0.032	---	---	25
26	---	---	OB	0.674	0.087	0.025	0.001	0.001	0	0.031	---	---	26
27	---	---	OB	0.438	0.081	0.024	0.001	0	0.001	0.032	---	---	27
28	---	---	OB	0.314	0.087	0.024	0.001	0	0	0.030A	---	---	28
29	---		OB	0.238	0.116	0.026	0.001	0	0	0.030E	---	---	29
30	---		OB	0.187	0.121	0.023	0.001	0	0	0.030E	---	---	30
31	---		OB		0.118		0	0		0.030E		---	31
TOTAL	---	---	0	13.347	6.538	3.482	0.185	0.002	0.001	0.787	---	---	TOTAL
MEAN	---	---	0	0.445	0.211	0.116	0.006	0	0	0.025	---	---	MEAN
MAX	---	---	0	2.22	0.525	0.668	0.024	0.001	0.001	0.032	---	---	MAX
MIN	---	---	0	0.002	0.081	0.023	0	0	0	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.099
MAXIMUM DAILY, 2.22 ON APR 24
MINIMUM DAILY, OB ON MAR 1
MAXIMUM INSTANTANEOUS,
3.08 AT 02:39 CST ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 42 N
LONG 109 48 57 W
DRAINAGE AREA, 655 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	16.0
FEB	---	AUG	0.17
MAR	0	SEP	0.09
APR	1 150	OCT	68.0
MAY	565	NOV	---
JUN	301	DEC	---

TOTAL DISCHARGE, 2 100 dam³

MIDDLE CREEK RESERVOIR - STATION NO. 11AB090

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1027.277E	1027.277E	1028.304	1028.487	1028.890	1028.776	1028.653	1028.574	---	---	1
2	---	---	1027.277E	1027.277E	1028.330	1028.589	1028.887	1028.769	1028.651	1028.577	---	---	2
3	---	---	1027.277E	1027.277E	1028.349	1028.675	1028.885	1028.762	1028.649	1028.577	---	---	3
4	---	---	1027.277E	1027.277E	1028.362	1028.748	1028.882	1028.756	1028.641	1028.572	---	---	4
5	---	---	1027.277E	1027.277E	1028.368	1028.821	1028.880	1028.752	1028.638	1028.573	---	---	5
6	---	---	1027.277E	1027.277E	1028.367	1028.853	1028.878	1028.747	1028.632	1028.571	---	---	6
7	---	---	1027.277E	1027.277E	1028.353	1028.879	1028.876	1028.742	1028.633	1028.572	---	---	7
8	---	---	1027.277E	1027.277E	1028.350	1028.904	1028.869	1028.736	1028.631	1028.568	---	---	8
9	---	---	1027.277E	1027.277E	1028.331	1028.914	1028.873	1028.727	1028.624	1028.566	---	---	9
10	---	---	1027.277E	1027.280A	1028.323	1028.922	1028.868	1028.720	1028.618	1028.565	---	---	10
11	---	---	1027.277E	1027.401	1028.319	1028.923	1028.869	1028.740	1028.612	1028.565	---	---	11
12	---	---	1027.277E	1027.543	1028.298	1028.925	1028.865	1028.739	1028.606	1028.562	---	---	12
13	---	---	1027.277E	1027.589	1028.287	1028.927	1028.861	1028.731	1028.596	1028.562	---	---	13
14	---	---	1027.277E	1027.616	1028.275	1028.929	1028.851	1028.726	1028.594	1028.562	---	---	14
15	---	---	1027.277E	1027.619	1028.259	1028.931	1028.842	1028.724	1028.596	1028.558	---	---	15
16	---	---	1027.277E	1027.573	1028.254	1028.940	1028.837	1028.724	1028.595	1028.556	---	---	16
17	---	---	1027.277E	1027.587	1028.251	1028.933	1028.835	1028.722	1028.594	1028.557	---	---	17
18	---	---	1027.277E	1027.625	1028.247	1028.934	1028.832	1028.712	1028.588	1028.550	---	---	18
19	---	---	1027.277E	1027.672	1028.283	1028.932	1028.828	1028.705	1028.588	1028.550	---	---	19
20	---	---	1027.277E	1027.689	1028.341	1028.937	1028.823	1028.705	1028.583	1028.548	---	---	20
21	---	---	1027.277E	1027.690	1028.392	1028.935	1028.821	1028.703	1028.580	1028.548	---	---	21
22	---	1027.277E	1027.277E	1027.695	1028.397	1028.933	1028.818	1028.692	1028.579	1028.546	---	---	22
23	---	1027.277E	1027.277E	1027.714	1028.401	1028.917	1028.817	1028.683	1028.576	1028.547	---	---	23
24	---	1027.277E	1027.277E	1027.841	1028.405	1028.914	1028.812	1028.677	1028.569	1028.545	---	---	24
25	---	1027.277E	1027.277E	1028.040	1028.402	1028.913	1028.803	1028.671	1028.568	1028.543	---	---	25
26	---	1027.277E	1027.277E	1028.120	1028.399	1028.909	1028.799	1028.666	1028.556	1028.543	---	---	26
27	---	1027.277E	1027.277E	1028.168	1028.398	1028.906	1028.798	1028.670	1028.562	1028.541	---	---	27
28	---	1027.277E	1027.277E	1028.203	1028.400	1028.901	1028.795	1028.671	1028.576	1028.542A	---	---	28
29	---		1027.277E	1028.238	1028.404	1028.895	1028.792	1028.664	1028.577	1028.541E	---	---	29
30	---		1027.277E	1028.275	1028.410	1028.893	1028.789	1028.660	1028.578	1028.540E	---	---	30
31	---		1027.277E		1028.428		1028.783	1028.658		1028.540E		---	31
MEAN	---	---	1027.277	1027.622	1028.345	1028.874	1028.841	1028.714	1028.601	1028.557	---	---	MEAN
MAX	---	---	1027.277	1028.275	1028.428	1028.940	1028.890	1028.776	1028.653	1028.577	---	---	MAX
MIN	---	---	1027.277	1027.277	1028.247	1028.487	1028.783	1028.658	1028.556	1028.540	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 1028.940 ON JUN 16

MAXIMUM INSTANTANEOUS,
1028.968 AT 11:40 CST ON JUN 14

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 22 N
LONG 109 59 02 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY -000.100 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

MIDDLE CREEK RESERVOIR BEDFORD OUTLET - STATION NO. 11AB114

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE -
LOCATION - LAT 49 23 04 N
LONG 109 59 28 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MIDDLE CREEK RESERVOIR FLOOD SPILLWAY - STATION NO. 11AB115

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE -
LOCATION - LAT 49 23 02 N
LONG 109 59 55 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MIDDLE CREEK RESERVOIR MAIN OUTLET - STATION NO. 11AB113

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0.823	0	0	0	0	0	---	---	6
7	---	---	0	0	0.712	0	0	0	0	0	---	---	7
8	---	---	0	0	0.373	0	0	0	0	0	---	---	8
9	---	---	0	0	1.02	0	0	0	0	0	---	---	9
10	---	---	0	0	0.451	0	0	0	0	0	---	---	10
11	---	---	0	0	0.518	0	0	0	0	0	---	---	11
12	---	---	0	0	0.549	0	0	0	0	0	---	---	12
13	---	---	0	0	0.147	0	0	0	0	0	---	---	13
14	---	---	0	0	0.273	0	0	0	0	0	---	---	14
15	---	---	0	0	0.111	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	4.977	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.161	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	1.02	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 1.02 ON MAY 9
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 15 N
LONG 109 59 08 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	430	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 430 dam³

MIDDLE FORK POPLAR RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 11AE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.170	0.878	3.60	0.076	0.105	0.085	0.062	---	---	1
2	---	---	0 B	0.255	0.793	2.18	0.071	0.074	0.001	0.079	---	---	2
3	---	---	0 B	0.198	0.736	1.59	0.062	0.054	0.002	0.079	---	---	3
4	---	---	0 B	0.170	0.821	1.22	0.051	0.042	0.003	0.082	---	---	4
5	---	---	0 B	0.142	0.765	1.02	0.045	0.034	0.003	0.091	---	---	5
6	---	---	0 B	0.142	0.736	0.878	0.034	0.025	0.002	0.093	---	---	6
7	---	---	0 B	0.113	0.651	0.736	0.031	0.019	0.001	0.093	---	---	7
8	---	---	0 B	0.113	0.623	0.651	0.031	0.013	0.001	0.096	---	---	8
9	---	---	0 B	0.142	0.651	0.595	0.031	0.010	0.001	0.108	---	---	9
10	---	---	0 B	0.283	0.821	0.510	0.031	0.007	0.001	0.108	---	---	10
11	---	---	0 B	1.42	0.934	0.453	0.028	0.006	0.002	0.108	---	---	11
12	---	---	0 B	22.7	0.906	0.453	0.027	0.006	0.001	0.091	---	---	12
13	---	---	0 B	62.3	0.793	0.425	0.026	0.004	0.003	0.093	---	---	13
14	---	---	0 B	53.8	0.708	0.368	0.022	0.004	0.004	0.091	---	---	14
15	---	---	0 B	32.8	0.623	0.340	0.026	0.003	0.005	0.079	---	---	15
16	---	---	0 B	17.5	0.680	0.340	0.059	0.006	0.004	0.082	---	---	16
17	---	---	0 B	11.6	0.708	0.311	0.130	0.005	0.003	0.088	---	---	17
18	---	---	0 B	7.84	0.736	0.311	0.122	0.004	0.003	0.096	---	---	18
19	---	---	0 B	4.79	0.850	0.280	0.108	0.005	0.004	0.110	---	---	19
20	---	---	0 B	3.31	5.83	0.215	0.085	0.005	0.004	0.110	---	---	20
21	---	---	0 B	2.55	8.04	0.184	0.071	0.004	0.005	0.119	---	---	21
22	---	---	0 B	2.29	3.68	0.161	0.057	0.005	0.006	0.119	---	---	22
23	---	---	0 B	2.75	2.27	0.139	0.042	0.005	0.004	0.125	---	---	23
24	---	---	0 B	3.26	1.78	0.116	0.037	0.004	0.004	0.119	---	---	24
25	---	---	0 B	2.94	1.42	0.116	0.028	0.004	0.004	0.119	---	---	25
26	---	---	0 B	2.41	1.10	0.099	0.102	0.005	0.003	0.127	---	---	26
27	---	---	0 B	1.84	0.934	0.088	0.368	0.003	0.010	0.130	---	---	27
28	---	---	0 B	1.39	2.52	0.088	0.453	0.004	0.019	0.127	---	---	28
29	---		0 B	1.16	16.9	0.088	0.266	0.005	0.024	0.122	---	---	29
30	---		0 B	0.963	10.2	0.076	0.229	0.004	0.019	0.116	---	---	30
31	---		0.057		6.57		0.159	0.005		0.110		---	31
TOTAL	---	---	0.057	241.341	75.657	17.631	2.908	0.479	0.151	3.172	---	---	TOTAL
MEAN	---	---	0.002	8.04	2.44	0.588	0.094	0.015	0.005	0.102	---	---	MEAN
MAX	---	---	0.057	62.3	16.9	3.60	0.453	0.105	0.024	0.130	---	---	MAX
MIN	---	---	0	0.113	0.623	0.076	0.022	0.003	0.001	0.062	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.39
MAXIMUM DAILY, 62.3 ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
113B AT 21:15 CST ON APR 13

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 30 N
LONG 105 41 40 W
DRAINAGE AREA, 927 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	251
FEB	---	AUG	41.4
MAR	4.92	SEP	13.0
APR	20 900	OCT	274
MAY	6 540	NOV	---
JUN	1 520	DEC	---

TOTAL DISCHARGE, 29 500 dam³

MILLIGAN CREEK NEAR WADENA - STATION NO. 05MA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.527	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.553	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.488	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.452	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.385	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.349	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.331	0.002	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.286	0.004	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.240	0.001	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.503	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.498	0	0	0	0	0	---	---	11
12	---	---	0B	0.100B	0.267	0	0	0	0	0	---	---	12
13	---	---	0B	0.479B	0.207	0	0	0	0	0	---	---	13
14	---	---	0B	0.611B	0.275	0	0	0	0	0	---	---	14
15	---	---	0B	0.534B	0.199	0	0	0	0	0	---	---	15
16	---	---	0B	0.527	0.108	0	0	0	0	0	---	---	16
17	---	---	0B	0.359	0.060	0	0	0	0	0	---	---	17
18	---	---	0B	0.187	0.032	0	0	0	0	0	---	---	18
19	---	---	0B	0.116	0.014	0	0	0	0	0	---	---	19
20	---	---	0B	0.104	0.013	0	0	0	0	0	---	---	20
21	---	---	0B	0.095	0.011	0	0	0	0	0	---	---	21
22	---	---	0B	0.090	0.009	0	0	0	0	0	---	---	22
23	---	---	0B	0.085	0.007	0	0	0	0	0	---	---	23
24	---	---	0B	0.072	0.005	0	0	0	0	0	---	---	24
25	---	---	0B	0.091	0.004	0	0	0	0	0	---	---	25
26	---	---	0B	0.363	0.003	0	0	0	0	0	---	---	26
27	---	---	0B	0.551	0.002	0	0	0	0	0	---	---	27
28	---	---	0B	0.527	0.002	0	0	0	0	0	---	---	28
29	---		0B	0.509	0.001	0	0	0	0	0	---	---	29
30	---		0B	0.499	0.001	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	5.899	5.832	0.007	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.197	0.188	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.611	0.553	0.004	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.048
MAXIMUM DAILY, 0.611B ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.30 AT 17:40 CST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 51 10 N
LONG 103 46 07 W
DRAINAGE AREA, 1 430 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	510	OCT	0
MAY	594	NOV	---
JUN	0.60	DEC	---

TOTAL DISCHARGE, 1 010 dam³

HONNERY RIVER NEAR PARADISE HILL - STATION NO. 05EF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.228B	0.248B	0.546	0.319	0.318A	0.292	0.123	0.272A	0.324B	---	1
2	---	---	0.228B	0.248B	0.467	0.414	0.688	0.281	0.101	0.289	0.327B	---	2
3	---	---	0.228B	0.250B	0.409	0.288A	1.54	0.595	0.084	0.331	0.322B	---	3
4	---	---	0.228B	0.255B	0.399	0.230E	1.44	0.686A	0.069	0.368	---	---	4
5	---	---	0.228B	0.260B	0.411	0.289A	1.31	0.451A	0.073	0.351	---	---	5
6	---	---	0.230B	0.265B	0.438	0.338	1.61	0.349	0.084	0.327	---	---	6
7	---	---	0.230B	0.270B	0.434	0.355	1.18	0.300	0.070	0.311	---	---	7
8	---	---	0.230B	0.280B	0.428	0.349	0.950	0.275	0.081	0.360	---	---	8
9	---	---	0.232B	0.300B	0.456	0.360	0.973	0.256	0.077	0.359	---	---	9
10	---	---	0.232B	0.340B	0.461	0.465	0.790	0.208	0.074	0.319	---	---	10
11	---	---	0.232B	0.380B	0.580	0.388	0.621	0.178	0.065	0.289	---	---	11
12	---	---	0.232B	0.430B	0.334	0.300	0.486	0.160	0.075	0.258	---	---	12
13	---	---	0.234B	0.486B	0.262A	0.255A	0.398	0.162	0.060	0.246	---	---	13
14	---	---	0.234B	0.560B	0.241A	0.210E	0.376	0.146	0.055	0.281	---	---	14
15	---	---	0.234B	0.660B	0.445	0.230E	0.341	0.153	0.074	0.349	---	---	15
16	---	---	0.236B	0.760B	0.260A	0.245E	0.288	0.161	0.084	0.304	---	---	16
17	---	---	0.236B	0.900B	0.220E	0.260E	0.251	0.167	0.086	0.267	---	---	17
18	---	---	0.236B	1.10 B	0.210E	0.280A	0.254	0.168	0.084	0.292	---	---	18
19	---	---	0.236B	1.30 B	0.260A	0.270A	0.267	0.160	0.102	0.340	---	---	19
20	---	---	0.238B	1.47 B	0.494	0.255E	0.275	0.150	0.110	0.336	---	---	20
21	---	---	0.238B	1.52 B	0.466	0.245E	0.269	0.138	0.081	0.336	---	---	21
22	---	---	0.238B	1.54 B	0.540	0.235E	0.237	0.131	0.081	0.342	---	---	22
23	---	---	0.240B	1.38 B	0.320	0.260E	0.234	0.134	0.100	0.342	---	---	23
24	---	---	0.240B	1.29 B	0.270	0.290A	0.227	0.141	0.110	0.330	---	---	24
25	---	---	0.240B	1.05	0.349	0.313	0.234	0.131	0.121	0.326	---	---	25
26	---	---	0.242B	0.859	0.450	0.265A	0.233	0.104	0.115	0.334	---	---	26
27	---	---	0.242B	0.809	0.382	0.250E	0.234	0.115	0.096	0.345	---	---	27
28	---	---	0.244B	0.739	0.336	0.235E	0.246	0.123	0.132A	0.342	---	---	28
29	---		0.244B	0.684	0.353	0.220E	0.245	0.101	0.172E	0.333B	---	---	29
30	---		0.246B	0.603	0.374	0.210E	0.277	0.108	0.224E	0.332B	---	---	30
31	---		0.246B		0.323		0.272	0.115		0.332B		---	31
TOTAL	---	---	7.302	21.236	11.918	8.623	17.059	6.639	2.863	9.943	---	---	TOTAL
MEAN	---	---	0.236	0.708	0.384	0.287	0.550	0.214	0.095	0.321	---	---	MEAN
MAX	---	---	0.246	1.54	0.580	0.465	1.61	0.686	0.224	0.368	---	---	MAX
MIN	---	---	0.228	0.248	0.210	0.210	0.227	0.101	0.055	0.246	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.349
MAXIMUM DAILY, 1.61 ON JUL 6
MINIMUM DAILY, 0.055 ON SEP 14
MAXIMUM INSTANTANEOUS,
1.86 AT 08:53 CST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 28 N
LONG 109 31 38 W
DRAINAGE AREA, 875 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 470
FEB	---	AUG	574
MAR	631	SEP	247
APR	1 830	OCT	859
MAY	1 030	NOV	---
JUN	745	DEC	---

TOTAL DISCHARGE, 7 390 dam³

MONTREAL LAKE NEAR NOLANOSA - STATION NO. 06CA005

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	490.385E	490.390E	490.392	490.412E	490.447	490.542	490.489	490.338	490.446	490.430	490.444	490.453	1
2	490.385E	490.391E	490.391	490.413E	490.450	490.504	490.456	490.373	490.435	490.395	490.416	490.455	2
3	490.385E	490.391E	490.389	490.414E	490.453	490.518	490.455	490.373	490.436	490.381	490.436	490.454	3
4	490.385E	490.391E	490.387	490.415E	490.459	490.502	490.432	490.383	490.471	490.396	490.449	490.457	4
5	490.385E	490.391E	490.389	490.416E	490.462	490.539	490.463	490.378	490.436	490.426	490.448	490.462	5
6	490.385E	490.391E	490.390	490.417E	490.469	490.615	490.572A	490.393	490.424	490.436	490.448	490.459	6
7	490.386E	490.392E	490.391	490.418E	490.470	490.551	---	490.454	490.411	490.428	490.447	490.458	7
8	490.386E	490.392E	490.391	490.419A	490.469	490.516	---	490.386	490.453	490.416	490.446	490.456	8
9	490.386E	490.392E	490.392	490.419	490.470	490.550	---	490.357	490.431A	490.417	490.450	490.459	9
10	490.386E	490.392E	490.393	490.419	490.472	490.547	---	490.330	490.448	490.421	490.448	490.458	10
11	490.386E	490.393E	490.395	490.421	490.473	490.493	---	490.335	490.454	490.428	490.445	490.460	11
12	490.386A	490.393E	490.400	490.416	490.472	490.502	---	490.397	490.482A	490.421	490.443	490.459	12
13	490.386E	490.393E	490.398	490.415	490.478	490.525	---	490.401	---	490.428	490.445	490.460	13
14	490.387E	490.393E	490.399	490.409	490.497	490.524	---	490.428	---	490.415	490.445	490.462	14
15	490.387E	490.394E	490.403	490.411	490.498	490.504	---	490.427	---	490.419	490.448	490.462	15
16	490.387E	490.394E	490.400	490.411	490.495	490.532	---	490.420	---	490.428	490.443	490.463	16
17	490.387E	490.394A	490.404	490.412	490.498	490.499	---	490.418	---	490.411	490.441	490.465	17
18	490.387E	490.387	490.410	490.413	490.500	490.522	---	490.437	---	490.426	490.443	490.461	18
19	490.387E	490.388	490.400	490.411	490.499	490.564	---	490.438	---	490.427	490.448	490.461	19
20	490.388E	490.389	490.399	490.410	490.494	490.485	---	490.421	490.412A	490.442	490.455	490.457	20
21	490.388E	490.391	490.400E	490.411	490.498	490.472	---	490.427	490.406	490.437	490.455	490.457	21
22	490.388E	490.387	490.401E	490.415	490.499	490.487	490.375A	490.432	490.394	490.447	490.454	490.454	22
23	490.388E	490.386	490.402E	490.420	490.506	490.593	490.389	490.450	490.392	490.443	490.455	490.461	23
24	490.389E	490.387	490.403E	490.421	490.516	490.510	490.411	490.446	490.411	490.443	490.454	490.461	24
25	490.389E	490.386	490.404E	490.423	490.536	490.494	490.368	490.455	490.384	490.444	490.453	490.460	25
26	490.389E	490.387	490.405E	490.424	490.548	490.531	490.360	490.461	490.373	490.444	490.452	490.461	26
27	490.389E	490.390	490.406E	490.428	490.613	490.492	490.363	490.414	490.394	490.440	490.453	490.458	27
28	490.389E	490.391	490.407E	490.432	490.604	490.479	490.398	490.406	490.342	490.441	490.453	490.455	28
29	490.390E		490.408E	490.434	490.606	490.452	490.359	490.436	490.324	490.437	490.455	490.455	29
30	490.390E		490.409E	490.439	490.547	490.449	490.355	490.420	490.395	490.456	490.452	490.456	30
31	490.390E		490.411E		490.511		490.381	490.443		490.456		490.459	31
MEAN	490.387	490.391	490.399	490.418	490.500	490.516	---	490.409	---	490.428	490.447	490.459	MEAN
MAX	490.390	490.394	490.411	490.439	490.613	490.615	---	490.461	---	490.456	490.455	490.465	MAX
MIN	490.385	490.386	490.387	490.409	490.447	490.449	---	490.330	---	490.381	490.416	490.453	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 490.615 ON JUN 6
MINIMUM DAILY, 490.324 ON SEP 29
MAXIMUM INSTANTANEOUS,
490.812 AT 18:38 CST ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 15 N
LONG 105 41 50 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND SET-UP

MONTREAL RIVER AT HIGHWAY NO. 2 - STATION NO. 06CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.69B	3.28B	2.07 B	1.96B	3.35B	6.75	5.38E	2.95	5.04	10.6	5.54	5.09B	1
2	2.69B	3.90B	1.66 B	2.00B	3.24B	9.62	5.28E	2.84	4.50	6.24	3.52	5.09B	2
3	2.63B	4.24B	1.49 B	2.03B	3.85B	10.1	5.18E	4.40	5.40	3.44	5.09B	5.09B	3
4	2.78B	3.79B	1.59 B	2.05B	2.39B	10.2	5.10E	4.20	3.18	2.62	5.09B	5.09B	4
5	3.21B	3.43B	1.61 B	2.08B	4.51B	9.66	5.00E	3.57	4.06	6.76	5.09B	5.09B	5
6	3.10B	4.52B	2.43 B	2.09B	3.51B	3.28	4.90E	3.62	5.75	8.32	5.09B	5.09B	6
7	3.04B	4.77B	2.76 B	2.15B	5.66	4.90	4.80E	2.11	7.97	7.63	5.09B	5.09B	7
8	2.57B	3.28B	1.81 B	3.86B	8.01	11.9	4.70E	1.39	5.43	5.18	5.09B	5.09B	8
9	2.79B	1.33B	1.75 B	2.59B	8.83	6.16	4.60E	3.36	3.91	4.80	5.09B	5.09B	9
10	1.37B	1.29B	2.68 B	2.93B	8.40	6.10	4.50E	5.03	5.32	5.35	5.09B	5.09B	10
11	1.34B	1.84B	3.20 B	3.46B	9.43	9.62	4.40E	5.14	5.62	6.99	5.09B	5.09B	11
12	2.08B	2.44B	2.31 B	2.50B	10.6	10.2	4.30E	4.69	4.06	4.74	5.09B	5.09B	12
13	2.99B	2.08B	2.47 B	3.62B	8.93	8.66A	4.20E	4.69	2.03	5.79	5.09B	5.09B	13
14	4.27B	1.72B	2.85 B	4.62B	7.93	9.14E	4.10E	4.16	4.63	4.53	5.09B	5.09B	14
15	7.20B	1.72B	2.72 B	5.90B	9.51	8.73E	4.00E	4.10	8.54	3.28	5.09B	5.10B	15
16	2.71B	1.96B	2.29 B	5.88B	9.61	8.62E	3.95E	5.03	3.74	5.20	5.09B	5.15B	16
17	1.69B	2.32B	1.50 B	6.06B	9.57	8.97A	3.90E	5.35	5.23	3.86	5.09B	5.20B	17
18	2.52B	2.77B	1.30 B	6.32B	9.33	10.2	3.85E	4.25	2.85	3.89	5.09B	5.25B	18
19	3.80B	2.73B	2.89 B	5.75B	9.94	3.65	3.80E	3.71	2.64	4.65	5.09B	5.30B	19
20	2.98B	2.57B	2.76 B	5.11B	10.9 A	6.76	3.75E	4.11	5.01	8.02	5.09B	5.35B	20
21	2.60B	2.40B	1.51 B	5.93B	10.9 E	8.71	3.70E	4.25	5.99	6.62	5.09B	5.40B	21
22	2.04B	2.71B	1.02 B	5.14B	11.0 E	9.43	3.64A	3.94	3.90	6.92	5.09B	5.45B	22
23	2.00B	3.35B	0.983B	3.61B	11.2 E	4.54	6.44	4.40	3.15	7.89	5.09B	5.50B	23
24	1.94B	1.65B	0.912B	3.45B	8.14	6.00A	3.14	3.03	6.22	7.18	5.09B	5.55B	24
25	2.02B	1.69B	1.34 B	3.75B	10.3	5.90E	2.49	3.20	5.57	7.53	5.09B	5.60B	25
26	2.87B	2.42B	1.60 B	4.56B	6.79	5.80E	3.24	2.21	1.31	7.20	5.09B	5.65B	26
27	3.09B	2.27B	1.70 B	4.76B	3.34	5.75E	3.64	3.24	3.51	6.49	5.09B	5.70B	27
28	4.18B	2.64B	1.75 B	4.58B	4.05	5.65E	2.80	4.79	2.78	4.12	5.09B	5.75B	28
29	3.65B		1.82 B	3.99B	2.61	5.55E	2.57	3.48	0.705	4.47	5.09B	5.80B	29
30	2.88B		1.89 B	3.37B	5.82	5.45E	3.74	3.55	1.99	6.69	5.09B	5.90B	30
31	2.90B		1.93 B		9.14		2.25	3.88		7.28		6.00B	31
TOTAL	88.62	75.11	60.595	116.10	230.79	226.00	127.34	118.67	130.035	184.28	151.58	164.91	TOTAL
MEAN	2.86	2.68	1.95	3.87	7.44	7.53	4.11	3.83	4.33	5.94	5.05	5.32	MEAN
MAX	7.20	4.77	3.20	6.32	11.2	11.9	6.44	5.35	8.54	10.6	5.54	6.00	MAX
MIN	1.34	1.29	0.912	1.96	2.39	3.28	2.25	1.39	0.705	2.62	3.52	5.09	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.59
MAXIMUM DAILY, 11.9 ON JUN 8
MINIMUM DAILY, 0.705 ON SEP 29
MAXIMUM INSTANTANEOUS,
16.0 AT 18:25 CST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 43 30 N
LONG 105 41 20 W
DRAINAGE AREA, 5 450 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 660	JUL	11 000
FEB	6 490	AUG	10 300
MAR	5 240	SEP	11 200
APR	10 000	OCT	15 900
MAY	19 900	NOV	13 100
JUN	19 500	DEC	14 200

TOTAL DISCHARGE, 144 000 dam³

REMARKS - ESTIMATED DATA IS NOT INDICTIVE OF DAILY FLUCTUATIONS BUT SHOULD REPRESENT MONTHLY VALUES REASONABLY WELL

MONTREAL RIVER AT OUTLET OF BIGSTONE LAKE - STATION NO. 06CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.47	4.74	3.80	3.39	3.05	13.9	11.7	7.97	8.20	6.84	9.06	8.40	1
2	6.34	4.69	3.75	3.39	3.32	14.0	11.2	7.35	8.21	6.63	9.26	8.36	2
3	6.26	4.68	3.72	3.40	3.65	14.5	11.3	8.68	8.13	6.35	8.55	8.46	3
4	6.22	4.65	3.70	3.42	4.01	14.4	12.3	9.27	7.90	6.37	8.19	8.52	4
5	6.18	4.63	3.66	3.39	4.76	14.5	12.1	9.41	7.78	6.64	8.04	8.65	5
6	6.10	4.73	3.63	3.28	5.13	15.4	12.5	9.43	7.73	6.48	8.10	8.65	6
7	6.02	4.76	3.57	3.34	5.42	15.9	13.2	9.91	7.73	6.20	8.12	8.66	7
8	6.00	4.60	3.52	3.36	5.33A	16.2	13.1	9.87	7.56	6.39	8.13	8.57	8
9	5.94	4.51	3.54	3.41	6.43E	16.3	12.9	9.77	7.33	6.65	8.17	8.64	9
10	5.85	4.49	3.61	3.29	7.53E	16.0	12.7	9.55	7.44	6.79	8.17	8.65	10
11	5.82	4.38	3.56	3.20	8.62E	16.0	12.5	9.21	7.90	6.92	8.27	8.62	11
12	5.79	4.33	3.80	2.90	9.72A	15.8	11.9	9.84	7.73	7.05	8.20	8.41	12
13	5.77	4.24	3.83	2.79	9.49	15.4	11.2	9.90	7.56	7.15	8.15	8.37	13
14	5.80	4.25	3.77	2.93	9.62	15.2	10.8	9.85	7.50	7.23	8.12	8.34	14
15	5.77	4.23	3.73	2.95	9.60	15.3	11.0	10.2	7.40	7.22	8.12	8.41	15
16	5.62	4.12	3.71	2.97	9.83	15.0	10.9	9.80	7.33	6.80	8.16	8.40	16
17	5.51	4.05	3.64	2.93	10.2	15.0	10.5	9.52	7.31	7.29	8.17	8.41	17
18	5.48	3.97	3.61	2.96	10.4	15.2	10.3	9.75	7.18	7.69	8.24	8.47	18
19	5.38	3.83	3.61	3.01	10.5	15.1	10.4	9.63	7.26	8.15	8.65	8.47	19
20	5.34	3.73	3.61	3.04	10.8	14.8	10.7	9.49	7.27	8.16	8.97	8.51	20
21	5.31	3.79	3.60	3.08	11.4	14.3	10.0	9.35	7.19	8.13	8.98	8.50	21
22	5.26	3.84	3.54	3.15	11.9	14.2	9.65	9.19	6.88	8.03	8.93	8.48	22
23	5.23	3.82	3.58	3.23	12.2	14.6	10.1	9.03	6.89	7.95	8.87	8.49	23
24	5.19	3.76	3.62	3.27	12.8	14.7	10.1	9.08	6.91	8.05	8.73	8.52	24
25	5.11	3.72	3.59	3.32	12.3	14.4	9.67	9.03	6.67	8.13	8.58	8.56	25
26	5.06	3.66	3.49	3.20	13.5	14.3	9.42	9.01	6.67	8.19	8.58	8.51	26
27	5.07	3.68	3.44	2.97	13.1	13.8	9.48	8.63	6.47	8.37	8.44	8.55	27
28	5.04	3.84	3.46	2.59	13.4	13.0	9.45	8.29	5.84	8.69	8.40	8.53	28
29	4.93		3.45	2.62	12.8	12.5	9.21	8.32	6.09	9.19	8.38	8.54	29
30	4.79		3.52	2.92	13.1	12.3	9.05	8.12	6.79	9.28	8.40	8.40	30
31	4.78		3.36		13.6		8.62	8.06		9.09		8.38	31
TOTAL	173.43	117.72	112.02	93.70	287.51	442.0	337.95	284.51	218.85	232.10	253.13	263.39	TOTAL
MEAN	5.59	4.20	3.61	3.12	9.27	14.7	10.9	9.18	7.30	7.49	8.44	8.50	MEAN
MAX	6.47	4.76	3.83	3.42	13.6	16.3	13.2	10.2	8.21	9.28	9.26	8.66	MAX
MIN	4.78	3.66	3.36	2.59	3.05	12.3	8.62	7.35	5.84	6.20	8.04	8.34	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.72
MAXIMUM DAILY, 16.3 ON JUN 9
MINIMUM DAILY, 2.59 ON APR 28
MAXIMUM INSTANTANEOUS,
16.5 AT 11:47 CST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 105 21 50 W
DRAINAGE AREA, 7 280 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 000	JUL	29 200
FEB	10 200	AUG	24 600
MAR	9 680	SEP	18 900
APR	8 100	OCT	20 100
MAY	24 800	NOV	21 900
JUN	38 200	DEC	22 800

TOTAL DISCHARGE, 243 000 dam³

MOOSE JAW RIVER ABOVE THUNDER CREEK - STATION NO. 05JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.39 B	32.4	5.08	0.173	3.38	0.014	0.001	0.008	---	1
2	---	---	0 B	4.55 B	29.1	6.05	0.194	2.72	0.012	0.002	---	---	2
3	---	---	0 B	4.30 B	24.0	7.31	0.187	2.12	0.011	0.002	---	---	3
4	---	---	0 B	2.68 B	18.6	8.18	0.154	1.70	0.010	0.002	---	---	4
5	---	---	0 B	1.73 B	14.4	8.32	0.144	1.40	0.009	0.006	---	---	5
6	---	---	0 B	1.15 B	12.5	7.42	0.135	1.09	0.008	0.007	---	---	6
7	---	---	0 B	0.670B	11.5	6.27	0.129	0.839	0.008	0.004	---	---	7
8	---	---	0 B	0.660B	10.7	4.96	0.111	0.630	0.008	0.003	---	---	8
9	---	---	0 B	0.451B	9.93	4.16	0.113	0.515	0.007	0.003	---	---	9
10	---	---	0 B	0.469B	9.08	3.45	0.099	0.465	0.006	0.002	---	---	10
11	---	---	0 B	1.51 B	7.96	2.83	0.087	0.397	0.006	0.002	---	---	11
12	---	---	0 B	11.7 B	6.88	2.44	0.088	0.346	0.005	0.002	---	---	12
13	---	---	0 B	24.3 B	5.74	2.03	0.087	0.286	0.004	0.002	---	---	13
14	---	---	0 B	25.3 B	4.77	1.72	0.086	0.121	0.003	0.002	---	---	14
15	---	---	0 B	19.1 B	3.99	1.50	0.084	0.106	0.003	0.001	---	---	15
16	---	---	0 B	26.2 B	3.47	1.31	0.067	0.118	0.002	0.002	---	---	16
17	---	---	0 B	75.4	3.03	1.18	0.089	0.113	0.002	0.002	---	---	17
18	---	---	0 B	125	2.78	1.07	0.065	0.099	0.002	0.002	---	---	18
19	---	---	0 B	130	2.52	0.893	0.051	0.077	0.001	0.002	---	---	19
20	---	---	0 B	118	2.40	0.751	0.048	0.050	0.001	0.002	---	---	20
21	---	---	0 B	102	2.28	0.716	0.042	0.033	0.001	0.003	---	---	21
22	---	---	0 B	90.3	2.15	0.604	0.053	0.036	0.001	0.005	---	---	22
23	---	---	0 B	83.5	2.04	0.514	5.81	0.030	0.001	0.007	---	---	23
24	---	---	0 B	74.9	1.85	0.467	12.8	0.035	0.001	0.007	---	---	24
25	---	---	0.050B	65.2	1.82	0.399	14.9	0.032	0	0.007	---	---	25
26	---	---	1.34 B	57.1	1.58	0.364	15.1	0.026	0	0.007	---	---	26
27	---	---	0.991B	49.7	1.48	0.354	13.6	0.022	0	0.007	---	---	27
28	---	---	0.631B	44.3	1.81	0.302	11.5	0.016	0.002	0.008	---	---	28
29	---		0.472B	39.1	4.70	0.248	8.73	0.015	0.002	0.009	---	---	29
30	---		0.456B	34.9	9.09	0.214	5.92	0.016	0.001	0.008	---	---	30
31	---		0.894B		6.13		4.35	0.016		0.009		---	31
TOTAL	---	---	4.834	1 217.560	250.68	81.106	94.996	16.769	0.131	0.128	---	---	TOTAL
MEAN	---	---	0.156	40.6	8.09	2.70	3.06	0.541	0.004	0.004	---	---	MEAN
MAX	---	---	1.34	130	32.4	8.32	15.1	3.38	0.014	0.009	---	---	MAX
MIN	---	---	0	0.451	1.48	0.214	0.042	0.015	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.80
MAXIMUM DAILY, 130 ON APR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
133 AT 19:59 CST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 46 N
LONG 105 31 49 W
DRAINAGE AREA, 5 240 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 210
FEB	---	AUG	1 450
MAR	418	SEP	11.3
APR	105 000	OCT	11.1
MAY	21 700	NOV	---
JUN	7 010	DEC	---

TOTAL DISCHARGE, 144 000 dam³

MOOSE JAW RIVER NEAR BURDICK - STATION NO. 05JE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.064B	0.103B	0.121B	2.50 B	32.4	7.11	0.319	3.53	0.079	0.197	0.086	0.202B	1
2	0.072B	0.058B	0.125B	4.40 B	28.9	7.19	0.793	2.94	0.057	0.198	0.063	0.213B	2
3	0.073B	0.093B	0.131B	6.64 B	24.4	8.11	0.509	2.09	0.084	0.189	0.042	0.213B	3
4	0.067B	0.111B	0.130B	5.10 B	20.0	8.92	0.341	0.540	0.137	0.179	0.040	0.200B	4
5	0.050B	0.130B	0.128B	3.36 B	16.1	9.29	0.236	1.03	0.048	0.296	0.048	0.187B	5
6	0.055B	0.100B	0.110B	2.56 B	13.7	8.84	0.187	1.30	0.021	0.278	0.052	0.180B	6
7	0.061B	0.049B	0.095B	1.70 B	12.4	7.86	0.144	1.05	0.043	0.450	0.067	0.186B	7
8	0.067B	0.109B	0.095B	0.959B	11.7	6.64	0.152	0.867	0.046	0.373	0.062	0.197B	8
9	0.051B	0.160B	0.097B	0.900B	10.5	5.36	0.178	0.696	0.037	0.331	0.063	0.199B	9
10	0.053B	0.181B	0.100B	0.773B	9.67	4.35	0.194	0.545	0.051	0.263	0.204	0.182B	10
11	0.047B	0.191B	0.102B	2.97 B	8.59	3.61	0.171	0.458	0.055	0.189	0.298	0.184B	11
12	0.036B	0.159B	0.104B	24.4 B	7.55	3.03	0.189	0.478	0.053	0.130	0.285B	0.193B	12
13	0.045B	0.128B	0.115B	45.7 B	6.52	2.63	0.242	0.432	0.053	0.082	0.398B	0.188B	13
14	0.030B	0.138B	0.135B	55.3 B	5.49	2.28	0.140	0.328	0.072	0.065	0.407B	0.193B	14
15	0.041B	0.133B	0.160B	49.2	4.49	2.04	0.124	0.246	0.063	0.033	0.401B	0.179B	15
16	0.082B	0.127B	0.350B	41.0	3.87	2.00	0.274	0.328	0.046	0.033	0.402B	0.178B	16
17	0.063B	0.128B	0.900B	74.8	3.42	1.62	0.386	0.523	0.040	0.042	0.403B	0.187B	17
18	0.062B	0.133B	0.830B	130	3.02	1.49	0.412	0.551	0.028	0.046	0.393B	0.176B	18
19	0.060B	0.132B	0.800B	154	2.78	1.24	0.263	0.436	0.015	1.39	0.324B	0.175B	19
20	0.070B	0.139B	0.900B	147	2.85	1.05	0.195	0.291	0.019	0.727	0.220B	0.158B	20
21	0.075B	0.130B	1.40 B	131	2.64	0.925	0.104	0.193	0.168	0.275	0.159B	0.162B	21
22	0.096B	0.167B	1.00 B	113	2.51	0.886	0.150	0.177	0.235	0.275	0.164B	0.173B	22
23	0.116B	0.221B	0.990B	98.9	2.57	0.790	0.425	0.181	0.234	0.286	0.171B	0.184B	23
24	0.137B	0.215B	0.970B	86.6	2.53	0.679	10.1	0.133	0.219	0.219	0.177B	0.170B	24
25	0.127B	0.184B	0.960B	73.5	2.18	0.570	13.6	0.072	0.207	0.173	0.172B	0.159B	25
26	0.126B	0.162B	0.955B	62.6	2.06	0.488	14.3	0.075	0.178	0.155	0.174B	0.148B	26
27	0.133B	0.142B	0.950B	53.1	1.84	0.405	13.3	0.080	0.162	0.135	0.182B	0.161B	27
28	0.190B	0.128B	0.970B	46.2	3.89	0.368	11.9	0.092	0.226	0.093	0.184B	0.192B	28
29	0.168B		1.30 B	40.7	9.58	0.445	9.83	0.076	0.304	0.073	0.185B	0.204B	29
30	0.151B		1.54 B	35.9	11.8	0.387	5.96	0.066	0.217	0.075	0.195B	0.227B	30
31	0.155B		2.05 B		9.53		3.71	0.089		0.093		0.213B	31
TOTAL	2.623	3.851	18.613	1 494.762	279.48	100.595	88.828	19.893	3.197	7.343	6.021	5.763	TOTAL
MEAN	0.085	0.138	0.600	49.8	9.02	3.35	2.87	0.642	0.107	0.237	0.201	0.186	MEAN
MAX	0.190	0.221	2.05	154	32.4	9.29	14.3	3.53	0.304	1.39	0.407	0.227	MAX
MIN	0.030	0.049	0.095	0.773	1.84	0.368	0.104	0.066	0.015	0.033	0.040	0.148	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.56
MAXIMUM DAILY, 154 ON APR 19
MINIMUM DAILY, 0.015 ON SEP 19
MAXIMUM INSTANTANEOUS,
156 AT 10:50 CST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 24 00 N
LONG 105 23 50 W
DRAINAGE AREA, 9 230 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	227	JUL	7 670
FEB	333	AUG	1 720
MAR	1 610	SEP	276
APR	129 000	OCT	634
MAY	24 100	NOV	520
JUN	8 690	DEC	498

TOTAL DISCHARGE, 175 000 dam³

MOOSE JAW RIVER NEAR LANG - STATION NO. 05JE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	B	3.19	0.191	0	0	0	0	---	---	1
2	---	---	0B	0	B	2.91	0.228	0	0	0	0	---	---	2
3	---	---	0B	0	B	2.39	0.189	0	0	0	0	---	---	3
4	---	---	0B	0	B	1.54	0.148	0	0	0	0	---	---	4
5	---	---	0B	0	B	0.910	0.105	0	0	0	0	---	---	5
6	---	---	0B	0	B	0.678	0.078	0	0	0	0	---	---	6
7	---	---	0B	0	B	0.505	0.056	0	0	0	0	---	---	7
8	---	---	0B	0	B	0.425	0.035	0	0	0	0	---	---	8
9	---	---	0B	0	B	0.493	0.019	0	0	0	0	---	---	9
10	---	---	0B	0	B	0.567	0.007	0	0	0	0	---	---	10
11	---	---	0B	0	B	0.505	0.002	0	0	0	0	---	---	11
12	---	---	0B	0	B	0.434	0	0	0	0	0	---	---	12
13	---	---	0B	0	B	0.382	0	0	0	0	0	---	---	13
14	---	---	0B	2.50	B	0.328	0	0	0	0	0	---	---	14
15	---	---	0B	10.6	B	0.271	0	0	0	0	0	---	---	15
16	---	---	0B	7.02	B	0.219	0	0	0	0	0	---	---	16
17	---	---	0B	22.2	B	0.182	0	0	0	0	0	---	---	17
18	---	---	0B	21.0		0.158	0	0	0	0	0	---	---	18
19	---	---	0B	16.8		0.130	0	0	0	0	0	---	---	19
20	---	---	0B	12.9		0.107	0	0	0	0	0	---	---	20
21	---	---	0B	11.1		0.093	0	0	0	0	0	---	---	21
22	---	---	0B	11.4		0.081	0	0	0	0	0	---	---	22
23	---	---	0B	10.8		0.074	0	0	0	0	0	---	---	23
24	---	---	0B	8.50		0.070	0	0	0	0	0	---	---	24
25	---	---	0B	6.45		0.060	0	0	0	0	0	---	---	25
26	---	---	0B	7.07		0.051	0	0	0	0	0	---	---	26
27	---	---	0B	7.18		0.044	0	0	0	0	0	---	---	27
28	---	---	0B	6.59		0.050	0	0	0	0	0	---	---	28
29	---		0B	5.40		0.065	0	0	0	0	0	---	---	29
30	---		0B	3.95		0.071	0	0	0	0	0	---	---	30
31	---		0B			0.082		0	0		0		---	31
TOTAL	---	---	0	171.46		17.065	1.050	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	5.72		0.550	0.035	0	0	0	0	---	---	MEAN
MAX	---	---	0	22.2		3.19	0.228	0	0	0	0	---	---	MAX
MIN	---	---	0	0		0.044	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.774
MAXIMUM DAILY, 22.2B ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
28.6B AT 15:15 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 51 N
LONG 104 28 57 W
DRAINAGE AREA, 865 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	14 800	OCT	0
MAY	1 870	NOV	---
JUN	90.7	DEC	---

TOTAL DISCHARGE, 16 400 dam³

MOOSE JAW RIVER NEAR ROULEAU - STATION NO. 05JE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	B	12.2	6.26	0.127	1.14	0	0	---	---	1
2	---	---	0B	0	B	11.0	7.51	0.131	0.928	0	0	---	---	2
3	---	---	0B	0	B	10.7	7.05	0.104	0.770	0	0	---	---	3
4	---	---	0B	0	B	9.88	5.60	0.075	0.671	0	0	---	---	4
5	---	---	0B	0	B	8.77	4.20	0.154	0.598	0	0	---	---	5
6	---	---	0B	0	B	7.69	3.10	0.351	0.551	0	0	---	---	6
7	---	---	0B	0	B	6.64	2.54	0.465	0.418	0	0	---	---	7
8	---	---	0B	0	B	5.78	2.04	0.484	0.301	0	0	---	---	8
9	---	---	0B	0	B	5.14	1.66	0.629	0.216	0	0	---	---	9
10	---	---	0B	0	B	4.26	1.37	0.693	0.176	0	0	---	---	10
11	---	---	0B	0	B	3.38	1.10	0.702	0.159	0	0	---	---	11
12	---	---	0B	0	B	2.70	0.963	0.689	0.151	0	0	---	---	12
13	---	---	0B	0.010	B	2.28	0.898	0.644	0.134	0	0	---	---	13
14	---	---	0B	12.6	B	2.00	0.754	0.735	0.112	0	0	---	---	14
15	---	---	0B	63.3	B	1.91	0.660	0.987	0.092	0	0	---	---	15
16	---	---	0B	88.2		1.71	0.553	0.836	0.076	0	0	---	---	16
17	---	---	0B	105		1.63	0.466	1.30	0.059	0	0	---	---	17
18	---	---	0B	93.8		1.57	0.383	1.52	0.068	0	0	---	---	18
19	---	---	0B	81.8		1.52	0.328	6.94	0.058	0	0	---	---	19
20	---	---	0B	72.6		1.40	0.267	14.5	0.051	0	0	---	---	20
21	---	---	0B	67.9		1.30	0.237	17.4	0.053	0	0	---	---	21
22	---	---	0B	56.5		1.20	0.229	17.1	0.058	0	0	---	---	22
23	---	---	0B	44.8		1.09	0.130	15.2	0.044	0	0	---	---	23
24	---	---	0B	35.4		1.00	0.075	12.9	0.030	0	0	---	---	24
25	---	---	0B	30.1		0.877	0.054	10.1	0.019	0	0	---	---	25
26	---	---	0B	26.7		0.706	0.043	6.30	0.010	0	0	---	---	26
27	---	---	0B	23.1		0.641	0.063	3.55	0.002	0	0	---	---	27
28	---	---	0B	19.9		0.682	0.112	2.64	0	0	0	---	---	28
29	---		0B	17.3		1.32	0.135	2.25	0	0	0	---	---	29
30	---		0B	14.6		1.95	0.137	1.87	0	0	0	---	---	30
31	---		0B			3.61		1.50	0		0		---	31
TOTAL	---	---	0	853.610		116.536	48.917	122.876	6.945	0	0	---	---	TOTAL
MEAN	---	---	0	28.5		3.76	1.63	3.96	0.224	0	0	---	---	MEAN
MAX	---	---	0	105		12.2	7.51	17.4	1.14	0	0	---	---	MAX
MIN	---	---	0	0		0.641	0.043	0.075	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.69
MAXIMUM DAILY, 105 ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
108 AT 10:00 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 29 N
LONG 104 59 08 W
DRAINAGE AREA, 2 990 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10 600
FEB	---	AUG	600
MAR	0	SEP	0
APR	73 800	OCT	0
MAY	10 100	NOV	---
JUN	4 230	DEC	---

TOTAL DISCHARGE, 99 300 dam³

MOOSE MOUNTAIN CREEK BELOW MOOSE MOUNTAIN LAKE - STATION NO. 05NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.008B	0.020B	1.71	0.257	0	1.33	0.160	0.073	---	---	1
2	---	---	0.008B	0.017B	1.52	0.202	0	1.33	0.145	0.061	---	---	2
3	---	---	0.009B	0.016B	1.54	0.126	0	1.28	0.134	0.099	---	---	3
4	---	---	0.008B	0.014B	1.70	0.091	0	1.20	0.108	0.200	---	---	4
5	---	---	0.007B	0.014B	1.30	0.103	0	1.10	0.064	0.170	---	---	5
6	---	---	0.007B	0.014B	1.39	0.186	0	1.05	0.046	0.137	---	---	6
7	---	---	0.007B	0.015B	0.934	0.225	0	1.02	0.040	0.124	---	---	7
8	---	---	0.006B	0.015B	0.735	0.059	0	0.851	0.035	0.115	---	---	8
9	---	---	0.008B	0.015B	0.735	0.024	0	0.722	0.032	0.106	---	---	9
10	---	---	0.007B	0.017B	0.867	0.027	0	0.582	0.030	0.098	---	---	10
11	---	---	0.007B	0.061B	0.724	0.013	0.001	0.464	0.028	0.094	---	---	11
12	---	---	0.010B	0.051B	0.618	0.001	0	0.565	0.026	0.090	---	---	12
13	---	---	0.008B	3.07 B	0.633	0	0	0.509	0.025	0.086	---	---	13
14	---	---	0.008B	7.85 B	0.626	0.001	0.021	0.501	0.024	0.083	---	---	14
15	---	---	0.009B	7.40 B	0.609	0.004	0.126	0.493	0.023	0.080	---	---	15
16	---	---	0.009B	2.41	0.556	0.015	0.268	0.408	0.022	0.077	---	---	16
17	---	---	0.010B	0.781	0.563	0.030	0.160	0.350	0.021	0.074	---	---	17
18	---	---	0.011B	0.286	0.532	0.044	0.033	0.457	0.020	0.072	---	---	18
19	---	---	0.011B	0.687	0.469	0.059	0.002	0.450	0.019	0.070	---	---	19
20	---	---	0.011B	1.05	0.392	0.041	0.001	0.382	0.018	0.068	---	---	20
21	---	---	0.011B	1.36	0.386	0.011	0	0.376	0.017	0.066	---	---	21
22	---	---	0.011B	1.61	0.335	0.022	0.137	0.370	0.016	0.065	---	---	22
23	---	---	0.012B	1.83	0.290	0.032	0.053	0.356	0.015	0.064	---	---	23
24	---	---	0.012B	2.01	0.338	0.011	0.017	0.320	0.014	0.063	---	---	24
25	---	---	0.010B	2.11	0.267	0.015	0.001	0.302	0.017	0.062	---	---	25
26	---	---	0.011B	2.12	0.237	0.002	0.434	0.284	0.028	0.061	---	---	26
27	---	---	0.012B	2.09	0.211	0	0.895	0.205	0.033	0.060A	---	---	27
28	---	---	0.013B	2.02	0.216	0	1.15	0.190	0.100	0.059E	---	---	28
29	---		0.025B	1.97	0.375	0	1.26	0.195	0.098	0.058E	---	---	29
30	---		0.045B	1.86	0.340	0	1.28	0.185	0.118	0.057E	---	---	30
31	---		0.026B		0.368		1.34	0.174		0.057E		---	31
TOTAL	---	---	0.357	42.783	21.506	1.601	7.179	18.001	1.472	2.649	---	---	TOTAL
MEAN	---	---	0.012	1.43	0.694	0.053	0.232	0.581	0.049	0.085	---	---	MEAN
MAX	---	---	0.045	7.85	1.71	0.257	1.34	1.33	0.160	0.200	---	---	MAX
MIN	---	---	0.006	0.014	0.211	0	0	0.174	0.014	0.057	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.390
MAXIMUM DAILY, 7.85B ON APR 14
MINIMUM DAILY, 0 ON JUN 13
MAXIMUM INSTANTANEOUS,
8.53B AT 08:12 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 23 N
LONG 103 00 54 W
DRAINAGE AREA, 2 310 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	620
FEB	---	AUG	1 560
MAR	30.8	SEP	127
APR	3 700	OCT	229
MAY	1 860	NOV	---
JUN	138	DEC	---

TOTAL DISCHARGE, 8 260 dam³

MOOSE MOUNTAIN CREEK NEAR OXBOW - STATION NO. 05ND004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	2.22	0.642	0.058	0.068	0.001	0.001	---	---	1
2	---	---	0B	0 B	2.04	0.607	0.051	0.061	0	0.002	---	---	2
3	---	---	0B	0 B	1.98	0.550	0.040	0.052	0	0.002	---	---	3
4	---	---	0B	0.017B	1.84	0.488	0.035	0.041	0	0.001	---	---	4
5	---	---	0B	0.107B	1.75	0.457	0.032	0.037	0	0.005	---	---	5
6	---	---	0B	0.079B	1.70	0.422	0.027	0.057	0	0.008	---	---	6
7	---	---	0B	0.054B	1.67	0.383	0.023	0.073	0	0.007	---	---	7
8	---	---	0B	0.051B	1.62	0.345	0.021	0.064	0	0.006	---	---	8
9	---	---	0B	0.043B	1.63	0.334	0.024	0.053	0	0.014	---	---	9
10	---	---	0B	0.043B	1.90	0.314	0.024	0.043	0	0.026	---	---	10
11	---	---	0B	0.189B	1.72	0.297	0.022	0.036	0	0.024	---	---	11
12	---	---	0B	2.45 B	1.56	0.263	0.019	0.030	0	0.018	---	---	12
13	---	---	0B	12.5 B	1.47	0.240	0.015	0.026	0	0.014	---	---	13
14	---	---	0B	33.1 B	1.42	0.217	0.021	0.021	0	0.012	---	---	14
15	---	---	0B	99.5 B	1.41	0.195	0.098	0.018	0	0.009	---	---	15
16	---	---	0B	53.5	1.48	0.175	0.124	0.014	0	0.007	---	---	16
17	---	---	0B	29.2	1.58	0.153	0.096	0.011	0	0.006	---	---	17
18	---	---	0B	17.7	1.47	0.136	0.074	0.009	0	0.005	---	---	18
19	---	---	0B	18.6	1.37	0.129	0.060	0.007	0	0.006	---	---	19
20	---	---	0B	17.5	1.24	0.113	0.049	0.005	0	0.005	---	---	20
21	---	---	0B	14.8	1.14	0.099	0.039	0.009	0	0.004	---	---	21
22	---	---	0B	11.6	1.06	0.094	0.035	0.009	0	0.004	---	---	22
23	---	---	0B	9.54	1.01	0.087	0.033	0.012	0	0.003	---	---	23
24	---	---	0B	7.64	0.997	0.080	0.028	0.012	0	0.002	---	---	24
25	---	---	0B	6.04	0.923	0.076	0.023	0.011	0	0.001A	---	---	25
26	---	---	0B	4.51	0.816	0.073	0.092	0.009	0	0.001E	---	---	26
27	---	---	0B	3.52	0.732	0.070	0.226	0.007	0	0.001E	---	---	27
28	---	---	0B	2.89	0.687	0.074	0.189	0.006	0.001	0.001E	---	---	28
29	---		0B	2.69	0.694	0.077	0.127	0.003	0.002	0.001E	---	---	29
30	---		0B	2.53	0.658	0.070	0.095	0.002	0.001	0.001E	---	---	30
31	---		0B		0.629		0.080	0.002		0.001E		---	31
TOTAL	---	---	0	350.393	42.416	7.260	1.880	0.808	0.005	0.198	---	---	TOTAL
MEAN	---	---	0	11.7	1.37	0.242	0.061	0.026	0	0.006	---	---	MEAN
MAX	---	---	0	99.5	2.22	0.642	0.226	0.073	0.002	0.026	---	---	MAX
MIN	---	---	0	0	0.629	0.070	0.015	0.002	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.68
MAXIMUM DAILY, 99.5B ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
116 AT 10:20 CST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 58 N
LONG 102 13 41 W
DRAINAGE AREA, 6 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	162
FEB	---	AUG	69.8
MAR	0	SEP	0.43
APR	30 300	OCT	17.1
MAY	3 660	NOV	---
JUN	627	DEC	---

TOTAL DISCHARGE, 34 800 dam³

MOOSE MOUNTAIN LAKE (RESERVOIR) NEAR CORNING - STATION NO. 05NC002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	619.508E	619.524A	619.516E	619.528E	620.516	620.348	620.206	620.490	620.348	620.300	620.319E	620.309E	1
2	---	---	619.516E	619.529E	620.508	620.340	620.202	620.490	620.344	620.310	---	---	2
3	---	---	619.516E	619.530E	620.498	620.331	620.200	620.486	620.339	620.307	---	620.309A	3
4	---	---	619.517E	619.530E	620.484	620.326	620.192	620.480	620.341	620.315	---	---	4
5	---	---	619.517E	619.531E	620.476	620.330	620.186	620.472	620.337	620.316	---	---	5
6	---	---	619.517E	619.532E	620.469	620.344	620.179	620.468	620.337	620.318	---	---	6
7	---	---	619.517E	619.533E	620.421	620.332	620.175	620.466	620.335	620.316	---	---	7
8	---	---	619.517E	619.534E	620.400	620.311	620.171	620.451	620.332	620.318	---	---	8
9	---	---	619.517E	619.535E	620.398	620.315	620.171	620.438	620.329	620.321	---	---	9
10	---	---	619.518E	619.536E	620.408	620.308	620.168	620.422	620.325	620.321	---	---	10
11	---	---	619.518E	619.537E	620.396	620.300	620.163	620.407	620.320	620.318	---	---	11
12	---	---	619.518E	619.538E	620.385	620.294	620.157	620.420	620.314	620.316	---	---	12
13	---	---	619.518E	619.539A	620.389	620.295	620.148	620.413	620.311	620.315	---	---	13
14	---	---	619.518E	619.659	620.389	620.290	620.139	620.412	620.307	620.315	---	---	14
15	---	---	619.518E	619.937	620.386	620.291	620.148	620.411	620.301	620.315	---	---	15
16	---	---	619.519E	620.125	620.382	620.289	620.165	620.399	620.301	620.312	---	---	16
17	---	---	619.519E	620.270	620.382	620.278	620.189	620.390	620.299	620.317	---	---	17
18	---	---	619.519E	620.375	620.378	620.275	620.191	620.406	620.296	620.320	---	---	18
19	---	---	619.519E	620.435	620.371	620.291	620.192	620.405	620.294	620.321	---	---	19
20	---	---	619.519E	620.468	620.365	620.265	620.191	620.395	620.291	620.316	---	---	20
21	---	---	619.519E	620.492	620.364	620.254	620.177	620.394	620.289	620.312	---	---	21
22	---	---	619.520E	620.508	620.358	620.243	620.191	620.393	620.290	620.309	---	---	22
23	---	---	619.520E	620.522	620.355	620.244	620.204	620.391	620.290	620.313	---	---	23
24	---	619.515A	619.521A	620.535	620.358	620.241	620.221	620.385	620.282	620.316	---	---	24
25	---	---	619.522E	620.540	620.350	620.228	620.317	620.382	620.276	620.310	---	---	25
26	---	---	619.523E	620.541	620.347	620.229	620.405	620.379	620.279	620.312	---	---	26
27	---	---	619.524E	620.540	620.344	620.227	620.455	620.365	620.278	620.319A	---	---	27
28	---	619.516E	619.524E	620.537	620.343	620.224	620.476	620.362	620.303	620.319E	---	---	28
29	---		619.525E	620.532	620.349	620.222	620.485	620.363	620.319	620.319E	---	---	29
30	---		619.526E	620.525	620.362	620.213	620.486	620.361	620.309	620.319E	620.309E	---	30
31	619.524E		619.527E		620.360		620.491	620.360		620.319E		620.304E	31
MEAN	---	---	619.519	620.016	620.396	620.283	620.240	620.415	620.311	620.315	---	---	MEAN
MAX	---	---	619.527	620.541	620.516	620.348	620.491	620.490	620.348	620.321	---	---	MAX
MIN	---	---	619.516	619.528	620.343	620.213	620.139	620.360	620.276	620.300	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 620.541 ON APR 26

MAXIMUM INSTANTANEOUS,
620.593 AT 15:55 CST ON MAY 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 29 N
LONG 103 01 58 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

MOOSONIN RESERVOIR NEAR MOOSOMIN - STATION NO. 05NE002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	543.865E	543.961	544.471	544.400E	544.289	544.460A	544.299	544.264	544.174	---	1
2	---	---	543.865A	543.973	544.479	544.390E	544.294	544.455A	544.297	544.268	544.175	---	2
3	---	---	543.865	543.981	544.480	544.387A	544.287	544.442A	544.293	544.270	544.171	---	3
4	---	---	543.868	543.982	544.483A	544.383	544.283	544.425E	544.293	544.278	544.169A	---	4
5	---	---	543.870	543.986	544.463E	544.388	544.280	544.411A	544.283	544.269	---	---	5
6	---	---	543.871	543.987	544.463E	544.391	544.274	544.413	544.287	544.253	---	---	6
7	---	---	543.871	543.990	544.450E	544.380	544.266	544.427	544.292	544.237	---	---	7
8	---	---	543.873	543.990	544.441E	544.367	544.255	544.408	544.296	544.219	---	---	8
9	---	---	543.875	543.982	544.444E	544.368	544.257	544.398	544.297	544.215	---	---	9
10	---	---	543.879	543.970	544.453E	544.361	544.259	544.390	544.294	544.216	---	---	10
11	---	---	543.880	543.969	544.447E	544.354	544.259	544.376	544.290	544.203	---	---	11
12	---	---	543.885	544.011	544.441E	544.350	544.259	544.376	544.281	544.185	---	---	12
13	---	---	543.885	544.138	544.439E	544.347	544.256	544.373	544.279	544.171	---	---	13
14	---	---	543.886	544.390	544.440E	544.350	544.248	544.370	544.273	544.157	---	---	14
15	---	---	543.886	544.509	544.440E	544.348	544.254	544.368	544.267	544.145	---	---	15
16	---	---	543.890	544.534	544.441E	544.347	544.256	544.355	544.264	544.135	---	---	16
17	---	---	543.899	544.521	544.441E	544.336	544.260	544.350	544.262	544.148	---	---	17
18	---	---	543.901	544.452	544.438E	544.333	544.262	544.362	544.260	544.146	---	---	18
19	---	---	543.903	544.362	544.435E	544.336	544.264	544.362	544.249	544.142	---	---	19
20	---	---	543.905	544.255	544.432E	544.326	544.239	544.360	544.246	544.143	---	---	20
21	---	---	543.906	544.178	544.431E	544.321	544.232	544.356	544.241	544.142	---	---	21
22	---	---	543.909	544.145	544.428E	544.316	544.245	544.345	544.244	544.146	---	---	22
23	---	---	543.912	544.193	544.426E	544.320	544.262	544.339	544.249	544.153	---	---	23
24	---	---	543.913	544.258	544.429E	544.311	544.266	544.336	544.243	544.157	---	---	24
25	---	---	543.917	544.304	544.425E	544.305	544.280	544.331	544.234	544.153	---	---	25
26	---	---	543.918	544.349	544.422E	544.304	544.311	544.328	544.237	544.153	---	---	26
27	---	---	543.918	544.391	544.417E	544.302	544.370	544.315	544.232	544.156	---	---	27
28	---	---	543.924	544.423	544.416E	544.303	544.440	544.306	544.260	544.171	---	---	28
29	---		543.929	544.444	544.413E	544.303	544.465	544.311	544.275	544.178	---	---	29
30	---		543.945	544.464	544.411E	544.299	544.467	544.299	544.268	544.172	---	---	30
31	---		543.958		544.413E		544.470	544.301		544.175		---	31
MEAN	---	---	543.896	544.203	544.440	544.344	544.293	544.369	544.270	544.188	---	---	MEAN
MAX	---	---	543.958	544.534	544.483	544.400	544.470	544.460	544.299	544.278	---	---	MAX
MIN	---	---	543.865	543.961	544.411	544.299	544.232	544.299	544.232	544.135	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 544.534 ON APR 16

MAXIMUM INSTANTANEOUS,
544.537 AT 16:07 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 45 N
LONG 101 41 28 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - SUBTRACT 1.027 m FROM DATA PUBLISHED PRIOR TO 1980 TO CONVERT TO PRESENT DATUM

MORIN CREEK NEAR MEADOW LAKE - STATION NO. 06AD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	1.46 E	0	0	0	0	0	0	---	1
2	---	---	0B	0 B	1.22 E	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	1.05 A	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	1.02	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.987	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.918	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.850	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.796	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.733	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.689	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.637	0	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.525	0	0	0	0	0	---	---	12
13	---	---	0B	0 B	0.454	0	0	0	0	0	---	---	13
14	---	---	0B	0 B	0.421	0	0	0	0	0	---	---	14
15	---	---	0B	0 B	0.361	0	0	0	0	0	---	---	15
16	---	---	0B	0 B	0.312	0	0	0	0	0	---	---	16
17	---	---	0B	0 B	0.280	0	0	0	0	0	---	---	17
18	---	---	0B	0.001B	0.279	0	0	0	0	0	---	---	18
19	---	---	0B	1.53 B	0.270	0	0	0	0	0	---	---	19
20	---	---	0B	1.27 B	0.237	0	0	0	0	0	---	---	20
21	---	---	0B	1.54 B	0.203	0	0	0	0	0	---	---	21
22	---	---	0B	3.61 B	0.185	0	0	0	0	0	---	---	22
23	---	---	0B	7.00	0.157	0	0	0	0	0	---	---	23
24	---	---	0B	8.35	0.140	0	0	0	0	0	---	---	24
25	---	---	0B	6.68	0.101	0	0	0	0	0	---	---	25
26	---	---	0B	4.17	0.079	0	0	0	0	0	---	---	26
27	---	---	0B	2.91	0.054	0	0	0	0	0	---	---	27
28	---	---	0B	2.47 A	0.040	0	0	0	0	0	---	---	28
29	---		0B	2.08 E	0.017	0	0	0	0	0	---	---	29
30	---		0B	1.77 E	0	0	0	0		0		---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	83.381	14.471	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.45	0.467	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	8.35	1.46	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.236
MAXIMUM DAILY, 8.35 ON APR 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.94 AT 20:23 CST ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 09 55 N
LONG 108 34 38 W
DRAINAGE AREA, 164 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	3 750	OCT	0
MAY	1 250	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 5 000 dam³

MORIN LAKE NEAR VICTOIRE - STATION NO. 06AE003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	27.849	27.862E	27.815E	27.791E	27.750E	---	---	1
2	---	---	---	---	---	27.850E	27.867E	27.815	27.792E	27.745E	---	---	2
3	---	---	---	---	---	27.852E	27.872E	27.816E	27.793E	27.741E	---	---	3
4	---	---	---	---	---	27.853E	27.877E	27.816E	27.795E	27.737	---	---	4
5	---	---	---	---	---	27.855E	27.882	27.816E	27.796E	27.738E	---	---	5
6	---	---	---	---	---	27.856E	27.878E	27.816E	27.798	27.740E	---	---	6
7	---	---	---	---	---	27.858E	27.874E	27.816E	27.796E	27.741E	---	---	7
8	---	---	---	---	---	27.859	27.870E	27.816E	27.795E	27.742E	---	---	8
9	---	---	---	---	---	27.860E	27.866E	27.816	27.793E	27.744E	---	---	9
10	---	---	---	---	---	27.860E	27.862E	27.815E	27.792E	27.745E	---	---	10
11	---	---	---	---	---	27.860E	27.857E	27.814E	27.790E	27.746	---	---	11
12	---	---	---	---	---	27.860E	27.853	27.812E	27.789E	27.746E	---	---	12
13	---	---	---	---	---	27.860E	27.850E	27.811E	27.787	27.746E	---	---	13
14	---	---	---	---	---	27.860E	27.848E	27.810E	27.786E	27.746E	---	---	14
15	---	---	---	---	---	27.860	27.845E	27.808E	27.784E	27.746E	---	---	15
16	---	---	---	---	---	27.859E	27.842E	27.807	27.783E	27.746E	---	---	16
17	---	---	---	---	---	27.858E	27.839E	27.806E	27.782E	27.746E	---	---	17
18	---	---	---	---	---	27.856E	27.837E	27.804E	27.780E	27.746	---	---	18
19	---	---	---	---	---	27.855E	27.834	27.803E	27.779E	27.748E	---	---	19
20	---	---	---	---	---	27.854E	27.831E	27.802E	27.777	27.749E	---	---	20
21	---	---	---	---	---	27.852E	27.828E	27.800E	27.776E	27.750E	---	---	21
22	---	---	---	---	---	27.851	27.826E	27.799E	27.774E	27.752E	---	---	22
23	---	---	---	---	---	27.851E	27.823E	27.798	27.773E	27.753E	---	---	23
24	---	---	---	---	---	27.851E	27.820E	27.798E	27.771E	27.755E	---	---	24
25	---	---	---	---	---	27.851E	27.817E	27.798	27.770E	27.756	---	---	25
26	---	---	---	---	27.847	27.851E	27.815	27.796E	27.768E	27.736	---	---	26
27	---	---	---	---	27.847E	27.852E	27.815E	27.794E	27.767	27.737E	---	---	27
28	---	---	---	---	27.848E	27.852E	27.815E	27.792E	27.763E	27.737E	---	---	28
29	---		---	---	27.848E	27.852	27.815E	27.790E	27.758E	27.737E	---	---	29
30	---		---	---	27.848E	27.857E	27.815E	27.788	27.754E	27.737E	---	---	30
31	---		---		27.848E		27.815E	27.789E		27.737E		---	31
MEAN	---	---	---	---	---	27.855	27.844	27.806	27.782	27.744	---	---	MEAN
MAX	---	---	---	---	---	27.860	27.882	27.816	27.798	27.756	---	---	MAX
MIN	---	---	---	---	---	27.849	27.815	27.788	27.754	27.736	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 27.882 ON JUL 5

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 29 52 N
LONG 107 03 32 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MOSQUITO CREEK NEAR PAMBRUN - STATION NO. 05JB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.15 B	0.066	0.475	0.005	0	0	0	---	---	1
2	---	---	0 B	0.365B	0.061	0.480	0.048	0	0	0	---	---	2
3	---	---	0 B	0.132B	0.056	0.334	0.102	0	0	0	---	---	3
4	---	---	0 B	0.076B	0.051	0.276	0.122	0	0	0	---	---	4
5	---	---	0 B	0.035B	0.049	0.231	0.088	0	0	0	---	---	5
6	---	---	0 B	0.019B	0.049	0.169	0.069	0	0	0	---	---	6
7	---	---	0 B	0.010B	0.049	0.130	0.054	0	0	0	---	---	7
8	---	---	0 B	0.006B	0.049	0.108	0.046	0	0	0	---	---	8
9	---	---	0.024B	0.003B	0.048	0.096	0.042	0	0	0	---	---	9
10	---	---	0.077B	0.008B	0.050	0.085	0.037	0	0	0	---	---	10
11	---	---	0.080B	2.20 B	0.050	0.077	0.031	0	0	0	---	---	11
12	---	---	0.044B	4.46	0.053	0.072	0.026	0	0	0	---	---	12
13	---	---	0.056B	4.37	0.052	0.063	0.017	0	0	0	---	---	13
14	---	---	0.845B	2.67	0.048	0.077	0.013	0	0	0	---	---	14
15	---	---	1.79 B	1.16	0.045	0.116	0.009	0	0	0	---	---	15
16	---	---	1.49 B	0.752	0.045	0.140	0.010	0	0	0	---	---	16
17	---	---	0.746B	0.540	0.045	0.085	0.024	0	0	0	---	---	17
18	---	---	0.519B	0.407	0.046	0.060	0.029	0	0	0	---	---	18
19	---	---	0.347B	0.245	0.048	0.047	0.022	0	0	0	---	---	19
20	---	---	0.129B	0.150	0.054	0.038	0.014	0	0	0	---	---	20
21	---	---	0.118B	0.138	0.055	0.028	0.009	0	0	0	---	---	21
22	---	---	0.090B	0.135	0.055	0.018	0.006	0	0	0	---	---	22
23	---	---	0.085B	0.134	0.054	0.010	0.003	0	0	0	---	---	23
24	---	---	0.069B	0.123	0.050	0.006	0.001	0	0	0	---	---	24
25	---	---	0.051B	0.107	0.048	0.002	0	0	0	0	---	---	25
26	---	---	0.041B	0.090	0.048	0.001	0	0	0	0	---	---	26
27	---	---	0.045B	0.084	0.048	0.001	0	0	0	0	---	---	27
28	---	---	0.581B	0.080	0.083	0.002	0	0	0	0	---	---	28
29	---		2.58 B	0.075	0.166	0.002	0	0	0	0	---	---	29
30	---		5.18 B	0.070	0.137	0.002	0	0	0	0	---	---	30
31	---		2.89 B		0.207		0	0		0		---	31
TOTAL	---	---	17.837	19.794	1.965	3.231	0.827	0	0	0	---	---	TOTAL
MEAN	---	---	0.575	0.660	0.063	0.108	0.027	0	0	0	---	---	MEAN
MAX	---	---	5.18	4.46	0.207	0.480	0.122	0	0	0	---	---	MAX
MIN	---	---	0	0.003	0.045	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.178
MAXIMUM DAILY, 5.18B ON MAR 30
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
7.56B AT 06:18 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 37 N
LONG 107 26 13 W
DRAINAGE AREA, 124 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	71.5
FEB	---	AUG	0
MAR	1 540	SEP	0
APR	1 710	OCT	0
MAY	170	NOV	---
JUN	279	DEC	---

TOTAL DISCHARGE, 3 770 dam³

MUDDY LAKE INFLOW NEAR REVENUE - STATION NO. 05GB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.006	0	0	0	0	0	0	---	1
2	---	---	0B	0 B	0.004	0	0.001	0	0	0	0	---	2
3	---	---	0B	0 B	0.003	0.015	0	0	0	0	0	---	3
4	---	---	0B	0 B	0.002	0.051	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.001	0.027	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0.019	0	0	0	0	---	---	6
7	---	---	0B	0 B	0	0.011	0	0	0	0	---	---	7
8	---	---	0B	0 B	0	0.007	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0.004	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0.002	0	0	0	0	---	---	10
11	---	---	0B	0 B	0	0.001	0	0	0	0	---	---	11
12	---	---	0B	0 B	0	0	0	0	0	0	---	---	12
13	---	---	0B	0 B	0	0	0	0	0	0	---	---	13
14	---	---	0B	0 B	0	0	0	0	0	0	---	---	14
15	---	---	0B	0 B	0	0.001	0	0	0	0	---	---	15
16	---	---	0B	0.001B	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.129B	0	0	0	0	0	0	---	---	17
18	---	---	0B	1.09 B	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.549	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.326	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.431	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.287	0	0.005	0	0	0	0	---	---	22
23	---	---	0B	0.137	0	0.007	0	0	0	0	---	---	23
24	---	---	0B	0.067	0	0.001	0	0	0	0	---	---	24
25	---	---	0B	0.037	0	0.002	0	0	0	0	---	---	25
26	---	---	0B	0.022	0	0.001	0	0	0	0	---	---	26
27	---	---	0B	0.013	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.009	0	0	0	0	0	0	---	---	28
29	---		0B	0.010	0	0	0	0	0	0	---	---	29
30	---		0B	0.008	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	3.116	0.016	0.154	0.001	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.104	0.001	0.005	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.09	0.006	0.051	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.013
MAXIMUM DAILY, 1.09B ON APR 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.63 AT 10:47 CST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 50 N
LONG 109 02 13 W
DRAINAGE AREA, 252 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.09
FEB	---	AUG	0
MAR	0	SEP	0
APR	269	OCT	0
MAY	1.38	NOV	---
JUN	13.3	DEC	---

TOTAL DISCHARGE, 284 dam³

NUDJATIK RIVER NEAR PORCHER LAKE - STATION NO. 06BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.75B	6.44B	6.03B	7.02B	31.2B	56.9	39.7	31.0	32.6	27.2	23.1B	17.4B	1
2	8.65B	6.39B	6.10B	7.29B	38.1B	56.4	40.1	30.6	32.4	27.0	23.0B	17.3B	2
3	8.39B	6.39B	6.18B	7.57B	50.1B	56.1	40.6	31.0	32.5	26.7	19.1B	17.3B	3
4	8.11B	6.46B	6.18B	7.81B	49.7B	55.8	40.6	31.4	32.4	26.5	18.9B	17.3B	4
5	7.81B	6.48B	6.17B	8.07B	48.7	54.8	40.6	31.8	31.8	26.2	20.2B	17.4B	5
6	7.48B	6.54B	6.17B	8.32B	48.7	55.3	40.2	31.8	31.5	26.1	20.4B	17.3B	6
7	7.32B	6.55B	6.16B	8.57B	48.7	55.5	39.1	34.1	31.3	25.9	18.8B	17.3B	7
8	7.16B	6.51B	6.16B	8.95B	48.6	55.7	38.5	36.8	31.0	25.7	19.5B	17.1B	8
9	7.09B	6.48B	6.19B	9.42B	48.7	56.1	37.5	37.6	30.8	25.3	20.9B	16.9B	9
10	7.06B	6.46B	6.26B	9.84B	49.8	56.6	36.8	38.0	30.7	25.0	19.6B	16.5B	10
11	7.04B	6.39B	6.29B	10.4 B	50.5	56.6	36.1	38.4	30.7	24.9	20.2B	15.9B	11
12	7.04B	6.34B	6.31B	11.1 B	51.5	56.0	35.7	38.9	30.7	24.8	20.8B	15.5B	12
13	6.97B	6.27B	6.29B	11.5 B	52.6	55.5	35.5	39.1	30.7	24.5	18.9B	15.4B	13
14	6.93B	6.27B	6.28B	12.0 B	53.0	54.9	34.8	39.2	30.6	24.2	17.8B	15.1B	14
15	6.88B	6.26B	6.23B	12.4 B	53.4	54.0	33.9	39.0	30.4	24.0	17.0B	14.8B	15
16	6.83B	6.21B	6.26B	12.7 B	54.2	53.4	33.1	38.7	30.4	23.9	17.2B	14.6B	16
17	6.79B	6.12B	6.27B	12.9 B	54.7	52.3	32.3	38.4	30.5	23.9	17.6B	14.5B	17
18	6.74B	6.03B	6.29B	13.2 B	55.4	51.4	31.6	38.0	30.2	23.9	18.8B	14.4B	18
19	6.72B	5.92B	6.36B	13.5 B	55.9	50.8	31.0	37.5	29.8	23.9	19.3B	14.1B	19
20	6.67B	5.80B	6.40B	13.8 B	56.6	49.9	30.5	36.9	29.5	23.9	19.6B	14.1B	20
21	6.64B	6.04B	6.48B	14.2 B	57.1	49.0	30.0	36.6	29.3	23.9	19.8B	13.9B	21
22	6.58B	6.10B	6.54B	15.1 B	57.4	48.2	29.7	35.8	28.9	23.9	19.9B	13.7B	22
23	6.52B	5.98B	6.60B	16.5 B	57.5	47.2	30.2	35.2	28.5	23.8	19.3B	13.6B	23
24	6.57B	5.92B	6.63B	19.0 B	57.4	45.9	31.1	34.7	28.1	23.7	19.0B	13.5B	24
25	6.44B	5.94B	6.60B	20.8 B	57.1	44.9	31.2	34.1	28.1	23.7	19.2B	13.4B	25
26	6.31B	5.94B	6.61B	22.1 B	57.1	44.2	31.2	33.4	27.8	23.6	19.0B	13.3B	26
27	6.22B	6.05B	6.62B	22.8 B	57.0	43.2	31.4	33.0	27.8	23.6	18.7B	13.3B	27
28	6.35B	6.09B	6.72B	25.2 B	57.0	42.1	31.7	32.8	27.7	23.5	18.3B	13.2B	28
29	6.39B		6.79B	26.5 B	56.9	41.4	31.5	32.9	27.6	23.5	18.0B	13.1B	29
30	6.30B		6.93B	28.4 B	56.9	40.5	31.5	32.9	27.4	23.3	17.7B	13.0B	30
31	6.26B		7.01B		56.9		31.5	32.7		23.2B		13.0B	31
TOTAL	217.01	174.37	198.11	416.96	1 628.4	1 540.6	1 069.2	1 092.3	901.7	763.2	579.6	467.2	TOTAL
MEAN	7.00	6.23	6.39	13.9	52.5	51.4	34.5	35.2	30.1	24.6	19.3	15.1	MEAN
MAX	8.75	6.55	7.01	28.4	57.5	56.9	40.6	39.2	32.6	27.2	23.1	17.4	MAX
MIN	6.22	5.80	6.03	7.02	31.2	40.5	29.7	30.6	27.4	23.2	17.0	13.0	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.8
MAXIMUM DAILY, 57.5 ON MAY 23
MINIMUM DAILY, 5.80B ON FEB 20
MAXIMUM INSTANTANEOUS,
57.5 AT 03:53 CST ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 05 30 N
LONG 107 35 30 W
DRAINAGE AREA, 5 940 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 700	JUL	92 400
FEB	15 100	AUG	94 400
MAR	17 100	SEP	77 900
APR	36 000	OCT	65 900
MAY	141 000	NOV	50 100
JUN	133 000	DEC	40 400

TOTAL DISCHARGE, 782 000 dam³

WASHLYN CANAL NEAR CONSUL - STATION NO. 11AB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.735	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.517	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.952	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.992	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.801	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.630	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.600	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.510	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.559	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.616	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.628	0	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.632	0	0	0	0	0	---	---	12
13	---	---	0B	0 B	0.610	0	0	0	0	0	---	---	13
14	---	---	0B	0 B	0.597	0	0	0	0	0	---	---	14
15	---	---	0B	0 B	0.592	0	0	0	0	0	---	---	15
16	---	---	0B	0 B	0.576	0	0	0	0	0	---	---	16
17	---	---	0B	0.025B	0.577	0	0	0	0	0	---	---	17
18	---	---	0B	0.262	0.583	0	0	0	0	0	---	---	18
19	---	---	0B	0.395	0.469	0	0	0	0	0	---	---	19
20	---	---	0B	0.434	0.077	0	0	0	0	0	---	---	20
21	---	---	0B	0.868	0.048	0	0	0	0	0	---	---	21
22	---	---	0B	1.40	0.015	0	0	0	0	0	---	---	22
23	---	---	0B	1.35	0.006	0	0	0	0	0	---	---	23
24	---	---	0B	1.26	0.001	0	0	0	0	0	---	---	24
25	---	---	0B	1.14	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.842	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.677	0	0	0	0	0	0A	---	---	27
28	---	---	0B	0.832	0	0	0	0	0	0E	---	---	28
29	---		0B	0.976	0.002	0	0	0	0	0E	---	---	29
30	---		0B	0.925	0	0	0	0	0	0E	---	---	30
31	---		0B		0		0	0		0E		---	31
TOTAL	---	---	0	11.386	12.325	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.380	0.398	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.40	0.992	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.097
MAXIMUM DAILY, 1.40 ON APR 22
MINIMUM DAILY, 0B ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 50 N
LONG 109 33 38 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	984	OCT	0
MAY	1 060	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 2 040 dam³

MEMEISEN LAKE NEAR LA RONGE - STATION NO. 06CB003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	370.496E	370.494	370.458	---	---	---	---	1
2	---	---	---	---	---	370.496	370.499	370.458	---	---	---	---	2
3	---	---	---	---	---	370.499E	370.508	370.488	---	---	---	---	3
4	---	---	---	---	---	370.502E	370.514	370.492	---	---	---	---	4
5	---	---	---	---	---	370.506E	370.509	370.487	---	370.354	---	---	5
6	---	---	---	---	---	370.509E	370.539	370.489E	---	---	---	---	6
7	---	---	---	---	---	370.512E	370.534	370.492E	---	---	---	---	7
8	---	---	---	---	---	370.515E	370.531	370.494	---	---	---	---	8
9	---	---	---	---	---	370.518E	370.526	370.491	---	---	---	---	9
10	---	---	---	---	---	370.521E	370.520	370.481	---	---	---	---	10
11	---	---	---	---	---	370.525E	370.520	370.477	---	---	---	---	11
12	---	---	---	---	---	370.528E	370.520E	370.485	---	---	---	---	12
13	---	---	---	---	---	370.531E	370.520E	370.483E	---	---	---	---	13
14	---	---	---	---	---	370.534	370.519E	370.481E	---	---	---	---	14
15	---	---	---	---	---	370.534	370.519	370.479E	---	---	---	---	15
16	---	---	---	---	---	370.534	370.519	370.477	---	---	---	---	16
17	---	---	---	---	---	370.538	370.509	370.468	---	---	---	---	17
18	---	---	---	---	---	370.535E	370.506	370.469	---	---	---	---	18
19	---	---	---	---	---	370.532E	370.501	370.463	---	---	---	---	19
20	---	---	---	---	---	370.528E	370.499	370.462E	---	---	---	---	20
21	---	---	---	---	---	370.525	370.490	370.461	---	---	---	---	21
22	---	---	---	---	---	370.525	370.499	370.451	---	---	---	---	22
23	---	---	---	---	---	370.525	370.499	370.439	---	---	---	---	23
24	---	---	---	---	---	370.526	370.482	---	---	---	---	---	24
25	---	---	---	---	---	370.528	370.486	---	---	---	---	---	25
26	---	---	---	---	---	370.523E	370.484	---	---	---	---	---	26
27	---	---	---	---	---	370.517	370.481	---	---	---	---	---	27
28	---	---	---	---	---	370.515	370.478E	---	---	---	---	---	28
29	---		---	---	---	370.503	370.474	---	---	---	---	---	29
30	---		---	---	---	370.504	370.474E	---	---	---	---	---	30
31	---		---		---		370.474	---		---		---	31
MEAN	---	---	---	---	---	370.519	370.504	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	370.538	370.539	---	---	---	---	---	MAX
MIN	---	---	---	---	---	370.496	370.474	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 370.539 ON JUL 6

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 15 38 N
LONG 105 22 10 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEWTON LAKE - STATION NO. 11AC056

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	799.690E	801.037E	803.478	803.564	803.291	803.247	802.609	802.456	---	---	1
2	---	---	799.690E	801.308A	803.446	803.593	803.346	803.216	802.600	802.464	---	---	2
3	---	---	799.690E	801.583E	803.440	803.621	803.392	803.172	802.595	802.465	---	---	3
4	---	---	799.690E	801.834E	803.427	803.653	803.404	803.131	802.588	802.461	---	---	4
5	---	---	799.690E	802.021A	803.420	803.688	803.375	803.099	802.581	802.456	---	---	5
6	---	---	799.690E	802.102A	803.417	803.706	803.361	803.060	802.574	802.454	---	---	6
7	---	---	799.690E	802.115	803.414	803.694	803.379	803.014	802.567	802.454	---	---	7
8	---	---	799.690E	802.122	803.422	803.693	803.384	802.972	802.561	802.451	---	---	8
9	---	---	799.690E	802.134	803.456	803.673	803.351	802.930	802.553	802.448	---	---	9
10	---	---	799.696A	802.145	803.504	803.569	803.351	802.889	802.542	802.442	---	---	10
11	---	---	799.700E	802.187	803.538	803.459	803.363	802.867	802.530	802.437	---	---	11
12	---	---	799.710E	802.270	803.586	803.422	803.373	802.846	802.519	802.432	---	---	12
13	---	---	799.720E	802.594	803.604	803.393	803.383	802.813	802.509	802.427	---	---	13
14	---	---	799.890	803.089	803.596	803.379	803.393	802.780	802.498	802.421	---	---	14
15	---	---	799.957	803.617	803.564	803.364	803.405	802.746	802.493	802.414	---	---	15
16	---	---	800.008	803.739	803.539	803.354	803.415	802.729	802.489	802.410	---	---	16
17	---	---	800.057	803.663	803.551	803.349	803.435	802.722	802.485	802.407	---	---	17
18	---	---	800.091	803.439	803.557	803.345	803.449	802.721	802.479	802.409	---	---	18
19	---	---	800.109	803.162	803.558	803.352	803.463	802.715	802.472	802.407	---	---	19
20	---	---	800.120	803.191	803.543	803.364	803.475	802.708	802.466	802.401	---	---	20
21	---	---	800.136	803.250	803.528	803.363	803.486	802.700	802.465	802.376	---	---	21
22	---	---	800.165	803.323	803.509	803.358	803.495	802.691	802.465	802.343	---	---	22
23	---	---	800.219	803.436	803.498	803.346	803.502	802.683	802.457	802.311	---	---	23
24	---	---	800.264	803.500	803.489	803.331	803.484	802.675	802.445	802.287	---	---	24
25	---	799.690E	800.297	803.522	803.459	803.315	803.457	802.664	802.443	802.285	---	---	25
26	---	799.690E	800.330	803.532	803.429	803.306	803.425	802.658	802.441	802.288	---	---	26
27	---	799.690E	800.372	803.525	803.383	803.296	803.402	802.651	802.441E	802.293	---	---	27
28	---	799.690E	800.435	803.533	803.385	803.293	803.373	802.645	802.456E	802.296A	---	---	28
29	---		800.526	803.583	803.419	803.287	803.343	802.637	802.472A	802.299E	---	---	29
30	---		800.662	803.562	803.463	803.283	803.316	802.630	802.464	802.302E	---	---	30
31	---		800.793A		803.528		803.275	802.620		802.303E		---	31
MEAN	---	---	800.015	803.804	803.489	803.447	803.398	802.827	802.509	802.390	---	---	MEAN
MAX	---	---	800.793	803.739	803.604	803.706	803.495	803.247	802.609	802.465	---	---	MAX
MIN	---	---	799.690	801.037	803.383	803.283	803.275	802.620	802.441	802.285	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 803.739 ON APR 16
MINIMUM DAILY, 799.690E ON FEB 25
MAXIMUM INSTANTANEOUS,
803.762 AT 09:10 CST ON APR 16

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 12 N
LONG 107 48 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1937

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM
APPLY -000.052 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

NEWTON LAKE MAIN CANAL - STATION NO. 11AC054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	2.11	0	0	---	---	1
2	---	---	0	0	0	0	0	2.09	0	0	---	---	2
3	---	---	0	0	0	0	0	2.07	0	0	---	---	3
4	---	---	0	0	0	0.892	0	2.05	0	0	---	---	4
5	---	---	0	0	0	1.39	0	2.09	0	0	---	---	5
6	---	---	0	0	0	1.39	0	2.15	0	0	---	---	6
7	---	---	0	0	0	1.60	0	2.10	0	0	---	---	7
8	---	---	0	0	0	1.77	0	1.95	0	0	---	---	8
9	---	---	0	0	0	2.04	0	1.84	0	0	---	---	9
10	---	---	0	0	0	2.12	0	1.71	0	0	---	---	10
11	---	---	0	0	0	2.30	0	1.69	0	0	---	---	11
12	---	---	0	0	0	2.20	0	1.62	0	0	---	---	12
13	---	---	0	0	0	1.78	0	1.57	0	0	---	---	13
14	---	---	0	0	0	1.53	0	1.41	0	0	---	---	14
15	---	---	0	0	0	1.10	0	1.15	0	0	---	---	15
16	---	---	0	0	0	1.08	0	0.452	0	0	---	---	16
17	---	---	0	0	0	1.07	0	0.018	0	0	---	---	17
18	---	---	0	0	1.41	0.991	0	0	0	0	---	---	18
19	---	---	0	0	2.05	0.719	0	0	0	0	---	---	19
20	---	---	0	0	2.34	0.719	0	0	0	0	---	---	20
21	---	---	0	0	2.16	0.717	0	0	0	0	---	---	21
22	---	---	0	0	2.08	0.708	0	0	0	0	---	---	22
23	---	---	0	0	2.41	0.703	0.037	0	0	0	---	---	23
24	---	---	0	0	2.50	0.693	1.67	0	0	0	---	---	24
25	---	---	0	0	2.69	0.686	2.09	0	0	0	---	---	25
26	---	---	0	0	2.98	0.430	2.28	0	0	0	---	---	26
27	---	---	0	0	3.12	0.164	2.27	0	0	0	---	---	27
28	---	---	0	0	2.00	0.055	1.97	0	0	0	---	---	28
29	---		0	0	0.507	0	2.04	0	0	0	---	---	29
30	---		0	0	0	0	2.29	0	0	0	---	---	30
31	---		0		0		2.28	0		0		---	31
TOTAL	---	---	0	0	26.247	28.807	16.927	28.070	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.847	0.960	0.546	0.905	0	0	---	---	MEAN
MAX	---	---	0	0	3.12	2.30	2.29	2.15	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.408
MAXIMUM DAILY, 3.12 ON MAY 27
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 18 N
LONG 107 48 10 W

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 460
FEB	---	AUG	2 430
MAR	0	SEP	0
APR	0	OCT	0
MAY	2 270	NOV	---
JUN	2 490	DEC	---

TOTAL DISCHARGE, 8 650 dam³

MORBURY CREEK NEAR SPIRITWOOD - STATION NO. 06AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.487	0	0	0	0	0	0	---	1
2	---	---	0B	0 B	0.410	0	0	0	0	0	0	---	2
3	---	---	0B	0 B	0.337	0	0	0	0	0	0	---	3
4	---	---	0B	0 B	0.265	0	0	0	0	0	0	---	4
5	---	---	0B	0 B	0.184	0	0	0	0	0	0	---	5
6	---	---	0B	0 B	0.117	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.077	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.058	0.045	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.049	0.075	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.047	0.017	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.043	0.004	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.047	0.002	0	0	0	0	---	---	12
13	---	---	0B	0 B	0.028	0.002	0	0	0	0	---	---	13
14	---	---	0B	0 B	0.027	0	0	0	0	0	---	---	14
15	---	---	0B	0 B	0.020	0	0	0	0	0	---	---	15
16	---	---	0B	0 B	0.018	0	0	0	0	0	---	---	16
17	---	---	0B	0.317B	0.021	0	0	0	0	0	---	---	17
18	---	---	0B	0.900B	0.021	0	0	0	0	0	---	---	18
19	---	---	0B	1.12 B	0.018	0	0	0	0	0	---	---	19
20	---	---	0B	1.14 B	0.017	0	0	0	0	0	---	---	20
21	---	---	0B	1.02	0.016	0	0	0	0	0	---	---	21
22	---	---	0B	0.870	0.011	0	0	0	0	0	---	---	22
23	---	---	0B	1.05	0.007	0	0	0	0	0	---	---	23
24	---	---	0B	1.10	0.001	0	0	0	0	0	---	---	24
25	---	---	0B	0.975	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.816	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.707	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.634	0	0	0	0	0	0	---	---	28
29	---		0B	0.600	0	0	0	0	0	0	---	---	29
30	---		0B	0.569	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	11.818	2.324	0.165	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.394	0.075	0.005	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.14	0.487	0.075	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.058
MAXIMUM DAILY, 1.14B ON APR 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.17B AT 15:26 CST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 21 17 N
LONG 107 28 01 W
DRAINAGE AREA, 432 km²

B - ICE CONDITIONS

NATURAL FLOW

REMARKS - DATA PREVIOUSLY PUBLISHED UNDER THE NAME "UNNAMED CREEK NEAR SPIRITWOOD"

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 020	OCT	0
MAY	201	NOV	---
JUN	12.5	DEC	---

TOTAL DISCHARGE, 1 230 dam³

NORTH SASKATCHEWAN RIVER AT PRINCE ALBERT - STATION NO. 05GG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	150 B	104 B	81.9B	108B	949	274	322	567	173	213	223	137B	1
2	143 B	103 B	80.2B	109B	932	248	325	492	170	210	208	134B	2
3	136 B	105 B	83.7B	112B	785	233	360	467	175	197	200	129B	3
4	130 B	115 B	81.9B	113B	644	234	372	463	184	190	191	123B	4
5	122 B	122 B	79.3B	113B	593	246	399	454	186	180	179	112B	5
6	115 B	115 B	75.3B	115B	589	260	411	417	190	181	165	104B	6
7	110 B	108 B	74.4B	120B	550	273	433	400	209	191	169	110B	7
8	119 B	105 B	75.7B	123B	532	268	475	379	213	201	149A	125B	8
9	106 B	104 B	73.0B	121B	496	257	513	349	198	212	130A	137B	9
10	92.8B	104 B	68.2B	119B	476	249	695	329	192	226	121	142B	10
11	84.6B	111 B	69.8B	115B	496	241	1 280	305	186	233	110	144B	11
12	78.7B	112 B	72.2B	112B	478	236	1 660	321	194	234	106B	144B	12
13	75.1B	108 B	72.1B	110B	436	241	1 680	313	203	241	104B	141B	13
14	72.8B	105 B	78.3B	111B	391	255	1 490	290	199	259	106B	140B	14
15	70.4B	105 B	92.1B	111B	361	269	1 360	275	195	271	113B	138B	15
16	73.5B	108 B	102 B	115B	333	310	1 220	256	207	257	124B	137B	16
17	79.3B	110 B	101 B	122B	317	343	1 060	250	223	245	137B	137B	17
18	82.0B	110 B	98.9B	126B	317	342	893	229	233	229	137B	130B	18
19	80.1B	108 B	102 B	129B	313	325	789	231	227	228	133B	127B	19
20	79.3B	107 B	108 B	133B	305	332	706	240	219	231	133B	127B	20
21	87.5B	106 B	114 B	133B	306	343	658	249	223	218	180B	124B	21
22	105 B	98.0B	115 B	138B	303	345	724	235	250	211	138B	121B	22
23	119 B	93.4B	116 B	157B	296	344	755	234	245	212	124B	119B	23
24	119 B	96.0B	117 B	157B	300	334	638	249	225	210	113B	118B	24
25	113 B	102 B	117 B	222B	305	335	570	251	212	211	115B	122B	25
26	109 B	100 B	115 B	360B	301	344	543	239	217A	210	117B	126B	26
27	108 B	91.7B	109 B	370	297	336	511	218	225E	207	120B	129B	27
28	110 B	86.5B	102 B	800	293	313	500	197	195E	207	131B	133B	28
29	113 B		99.8B	954	296	317	545	180	197A	208	137B	132B	29
30	112 B		103 B	948	309	328	609	180	202	208	138B	132B	30
31	107 B		106 B		307		615	182		220		134B	31
TOTAL	3 210.1	2 942.6	2 883.8	6 576	13 596	8 775	23 111	9 441	6 167	6 751	4 211	4 008	TOTAL
MEAN	104	105	93.0	219	439	293	746	305	206	218	140	129	MEAN
MAX	150	122	117	954	949	345	1 680	567	250	271	223	144	MAX
MIN	70.4	86.5	68.2	108	293	233	322	180	170	180	104	104	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 251
MAXIMUM DAILY, 1 680 ON JUL 13
MINIMUM DAILY, 68.2B ON MAR 10
MAXIMUM INSTANTANEOUS,
1 730 AT 00:18 CST ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 12 10 N
LONG 105 46 06 W
DRAINAGE AREA, 131 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	277 000	JUL	2 000 000
FEB	254 000	AUG	816 000
MAR	249 000	SEP	533 000
APR	568 000	OCT	583 000
MAY	1 170 000	NOV	364 000
JUN	758 000	DEC	346 000

TOTAL DISCHARGE, 7 920 000 dam³

NORTH SASKATCHEWAN RIVER NEAR DEER CREEK - STATION NO. 05EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	155 B	112 B	76.5B	115 B	504	204	401	361	172	156	137 B	127B	1
2	146 B	107 B	82.7B	112 B	516	224	410	344	193	166	158 B	127B	2
3	113 B	104 B	70.8B	114 B	454	215	464	344	179	185	148 B	130B	3
4	100 B	101 B	63.9B	108 B	443	210	492	312	171	200	134 B	130B	4
5	93.3B	99.0B	73.7B	101 B	408	205	543	290	165	214	136 B	127B	5
6	84.2B	107 B	68.9B	98.4B	388	203	678	279	168	218	118 B	127B	6
7	80.7B	109 B	66.3B	96.8B	429	200	1 500	259	190	215	140 B	122B	7
8	72.0B	102 B	80.5B	90.9B	382	204	2 030	270	190	231	138 B	118B	8
9	72.1B	100 B	101 B	101 B	344	237	1 730	231	171	251	130 B	122B	9
10	83.7B	98.0B	102 B	100 B	292	239	1 450	224	183	265	160 B	121B	10
11	86.2B	103 B	92.2B	96.7B	269	288	1 420	204	199	232	137 B	112B	11
12	84.8B	104 B	94.5B	107 B	242	319	1 190	201	218	230	114 B	104B	12
13	74.8B	103 B	101 B	122 B	241	308	1 060	169	221	200	127 B	111B	13
14	80.2B	102 B	110 B	140 B	239	292	856	170	206	209	113 B	109B	14
15	97.2B	94.0B	114 B	168 B	235	315	758	197	191	212	118 B	104B	15
16	124 B	83.2B	109 B	161 B	226	325	673	212	215	189	138 B	105B	16
17	129 B	102 B	111 B	154 B	224	332	615	185	253	190	138 B	101B	17
18	119 B	107 B	111 B	158 B	216	335	749	188	229	188	122 B	103B	18
19	104 B	104 B	111 B	168 B	227	321	756	209	192	187	116 B	111B	19
20	107 B	94.6B	106 B	195 B	240	311	604	214	185	188	135 B	115B	20
21	105 B	85.7B	92.0B	195 B	232	327	543	218	217	183	132 B	120B	21
22	107 B	85.4B	85.2B	233 B	233	327	521	188	195	182	126 B	126B	22
23	109 B	82.4B	94.5B	327 B	223	301	482	164	181	185B	138 B	125B	23
24	110 B	79.5B	103 B	440 B	225	306	480	147	172	184B	126 B	126B	24
25	108 B	81.8B	102 B	640 B	237	329	543	151	174	177B	122 B	130B	25
26	104 B	85.8B	107 B	850 B	239	314	617	144	188	200B	124 B	132B	26
27	102 B	84.4B	111 B	840 B	209	309	601	139	179	193B	114 B	134B	27
28	100 B	77.1B	105 B	860 B	183	364	527	138	161	166B	93.4B	137B	28
29	107 B		103 B	664 B	168	358	441	149	152	156B	96.2B	139B	29
30	113 B		109 B	529 B	173	389	427	163	148	144B	116 B	139B	30
31	117 B		116 B		199		419	157		135B		140B	31
TOTAL	3 188.2	2 697.9	2 973.7	8 060.8	8 840	8 611	23 980	6 621	5 658	6 031	3 844.6	3 783	TOTAL
MEAN	103	96.4	95.9	269	285	287	774	214	189	195	128	122	MEAN
MAX	155	112	116	860	516	389	2 030	361	253	265	160	149	MAX
MIN	72.0	77.1	63.9	90.9	168	200	401	138	148	135	93.4	101	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 231
MAXIMUM DAILY, 2 030 ON JUL 8
MINIMUM DAILY, 63.9B ON MAR 4
MAXIMUM INSTANTANEOUS,
2 100 AT 08:25 CST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 00 N
LONG 109 36 40 W
DRAINAGE AREA, 57 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	275 000	JUL	2 070 000
FEB	233 000	AUG	572 000
MAR	257 000	SEP	489 000
APR	696 000	OCT	521 000
MAY	764 000	NOV	332 000
JUN	744 000	DEC	327 000

TOTAL DISCHARGE, 7 280 000 dam³

NOTUKEU CREEK ABOVE ADMIRAL RESERVOIR - STATION NO. 05JB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.014B	1.85 B	0.303	1.03	0.022	0.003	0	0	0.006	---	1
2	---	0 B	0.010B	1.16 B	0.250	0.981	0.525	0.003	0	0	0.006	---	2
3	---	0 B	0.008B	0.887B	0.206	0.988	0.705	0.003	0	0	0.006A	---	3
4	---	0 B	0.006B	0.659B	0.188	0.869	0.202	0.002	0	0	---	---	4
5	---	0 B	0.005B	0.414B	0.189	0.949	0.096	0.002	0	0.001	---	---	5
6	---	0 B	0.004B	0.205B	0.208	0.721	0.064	0.001	0	0.004	---	---	6
7	---	0 B	0.003B	0.221B	0.166	0.624	0.054	0.001	0	0.005	---	---	7
8	---	0 B	0.002B	0.148B	0.131	0.561	0.039	0	0	0.004	---	---	8
9	---	0 B	0.002B	0.038B	0.122	0.449	0.026	0	0	0.004	---	---	9
10	---	0 B	0.008B	3.02 B	0.184	0.360	0.021	0	0	0.004	---	---	10
11	---	0 B	1.20 B	7.34 B	0.148	0.308	0.018	0	0	0.004	---	---	11
12	---	0 B	1.38 B	5.67 B	0.113	0.255	0.015	0	0	0.004	---	---	12
13	---	0 B	3.80 B	4.19 B	0.087	0.211	0.013	0	0	0.005	---	---	13
14	---	0 B	4.32 B	2.71 B	0.074	0.179	0.012	0	0	0.005	---	---	14
15	---	0 B	5.05 B	2.35 B	0.058	0.159	0.010	0	0	0.004	---	---	15
16	---	0 B	2.42 B	2.12	0.054	0.165	0.034	0	0	0.004	---	---	16
17	---	0 B	2.46 B	1.79	0.057	0.142	0.113	0	0	0.004	---	---	17
18	---	0 B	1.07 B	1.42	0.053	0.125	0.034	0	0	0.006	---	---	18
19	---	0.500B	0.559B	1.06	0.118	0.099	0.037	0	0	0.014	---	---	19
20	---	2.09 B	0.492B	0.855	0.126	0.074	0.020	0	0	0.022	---	---	20
21	---	3.06 B	0.139B	0.773	0.102	0.058	0.015	0	0	0.016	---	---	21
22	---	0.442B	0.200B	0.719	0.068	0.057	0.012	0	0	0.021	---	---	22
23	---	0.348B	0.224B	0.663	0.060	0.052	0.009	0	0	0.038	---	---	23
24	---	1.56 B	0.217B	0.628	0.060	0.041	0.007	0	0	0.020	---	---	24
25	---	0.792B	0.196B	0.540	0.036	0.038	0.006	0	0	0.012	---	---	25
26	---	0.349B	0.183B	0.490	0.032	0.022	0.006	0	0	0.010	---	---	26
27	---	0.171B	0.516B	0.453	0.055	0.020	0.005	0	0	0.009	---	---	27
28	---	0.066B	1.18 B	0.398	0.185	0.033	0.004	0	0	0.007	---	---	28
29	---		2.51 B	0.402	0.155	0.031	0.004	0	0	0.007	---	---	29
30	---		4.23 B	0.376	0.531	0.024	0.004	0	0	0.006	---	---	30
31	---		2.40 B		1.09		0.004	0		0.006		---	31
TOTAL	---	9.378	34.808	43.549	5.209	9.625	2.136	0.015	0	0.246	---	---	TOTAL
MEAN	---	0.335	1.12	1.45	0.168	0.321	0.069	0	0	0.008	---	---	MEAN
MAX	---	3.06	5.05	7.34	1.09	1.03	0.705	0.003	0	0.038	---	---	MAX
MIN	---	0	0.002	0.038	0.032	0.020	0.004	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.390
MAXIMUM DAILY, 7.34B ON APR 11
MINIMUM DAILY, 0 ON AUG 8
MAXIMUM INSTANTANEOUS,
14.4B AT 17:14 CST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 32 N
LONG 108 07 31 W
DRAINAGE AREA, 453 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	185
FEB	810	AUG	1.30
MAR	3 010	SEP	0
APR	3 760	OCT	21.3
MAY	450	NOV	---
JUN	832	DEC	---

TOTAL DISCHARGE, 8 260 dam³

NOTUKEU CREEK NEAR VANGUARD - STATION NO. 05JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.300B	5.97B	1.64	2.62	0.341	0.419	0.118	0.122	---	---	1
2	---	---	0.208B	7.87B	1.42	3.55	0.478	0.412	0.235	0.138	---	---	2
3	---	---	0.133B	7.82B	1.29	3.53	0.740	0.431	0.218	0.136	---	---	3
4	---	---	0.060B	3.93B	1.13	2.65	5.58	0.425	0.113	0.122	---	---	4
5	---	---	0.040B	4.24B	1.00	2.48	11.1	0.410	0.097	0.125	---	---	5
6	---	---	0.029B	4.26B	0.890	3.48	8.62	0.234	0.091	0.144	---	---	6
7	---	---	0.028B	4.06B	0.805	3.51	5.57	0.043	0.104	0.133	---	---	7
8	---	---	0.027B	3.27B	0.774	3.32	4.12	0.033	0.102	0.133	---	---	8
9	---	---	0.029B	3.55B	0.747	2.86	3.30	0.023	0.099	0.120	---	---	9
10	---	---	0.038B	2.67B	0.798	2.43	2.58	0.013	0.100	0.118	---	---	10
11	---	---	0.100B	2.91B	0.796	2.08	2.14	0.006	0.103	0.124	---	---	11
12	---	---	0.156B	2.62B	0.796	1.84	1.77	0.011	0.107	0.126	---	---	12
13	---	---	0.725B	2.71B	0.786	1.59	1.40	0.050	0.110	0.119	---	---	13
14	---	---	2.58 B	14.2 B	0.775	1.42	1.12	0.302	0.106	0.108	---	---	14
15	---	---	2.98 B	33.8 B	0.762	1.34	0.922	0.303	0.104	0.104	---	---	15
16	---	---	3.70 B	27.2	0.836	1.24	0.804	0.294	0.090	0.101	---	---	16
17	---	---	3.66 B	23.4	0.831	1.22	0.718	0.268	0.088	0.093	---	---	17
18	---	---	5.36 B	19.5	0.782	1.12	0.633	0.248	0.083	0.128	---	---	18
19	---	---	7.98 B	14.3	0.776	0.980	0.578	0.240	0.088	0.128	---	---	19
20	---	---	5.32 B	19.3	0.744	0.785	0.590	0.251	0.090	0.115	---	---	20
21	---	---	2.53 B	19.0	0.669	0.687	0.582	0.244	0.094	0.107	---	---	21
22	---	---	3.08 B	10.4	0.643	0.619	0.539	0.221	0.093	0.102	---	---	22
23	---	---	4.23 B	9.94	0.628	0.548	0.494	0.194	0.082	0.101	---	---	23
24	---	2.61 B	3.48 B	9.87	0.578	0.469	0.435	0.199	0.077	0.104	---	---	24
25	---	1.90 B	3.22 B	10.4	0.552	0.421	0.388	0.204	0.073	0.105	---	---	25
26	---	1.30 B	3.07 B	6.44	0.532	0.401	0.372	0.226	0.068	0.112	---	---	26
27	---	0.800B	2.98 B	4.66	0.575	0.411	0.354	0.212	0.071	0.157	---	---	27
28	---	0.500B	3.04 B	3.35	0.623	0.392	0.298	0.195	0.096	0.159A	---	---	28
29	---		1.90 B	2.71	0.882	0.368	0.283	0.174	0.092	0.159E	---	---	29
30	---		2.06 B	2.60	2.89	0.360	0.303	0.155	0.096	0.159E	---	---	30
31	---		2.32 B		3.15		0.384	0.132		0.159E		---	31
TOTAL	---	---	65.363	286.95	30.100	48.721	57.536	6.572	3.088	3.861	---	---	TOTAL
MEAN	---	---	2.11	9.57	0.971	1.62	1.86	0.212	0.103	0.125	---	---	MEAN
MAX	---	---	7.98	33.8	3.15	3.55	11.1	0.431	0.235	0.159	---	---	MAX
MIN	---	---	0.027	2.60	0.532	0.360	0.283	0.006	0.068	0.093	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.05
MAXIMUM DAILY, 33.8B ON APR 15
MINIMUM DAILY, 0.006 ON AUG 11
MAXIMUM INSTANTANEOUS,
40.6B AT 06:54 CST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 03 N
LONG 107 11 08 W
DRAINAGE AREA, 3 530 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 970
FEB	---	AUG	568
MAR	5 650	SEP	267
APR	24 800	OCT	334
MAY	2 600	NOV	---
JUN	4 210	DEC	---

TOTAL DISCHARGE, 43 400 dam³

OPUNTIA LAKE WEST INFLOW - STATION NO. 05GC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0	0.001	0	0 A	0	0	0.004	---	1
2	---	---	0B	0 B	0	0.001	2.75	0 A	0	0	0.001A	---	2
3	---	---	0B	0 B	0	0	1.34	0.001A	0	0	---	---	3
4	---	---	0B	0 B	0	0	0.788	0.001A	0	0	---	---	4
5	---	---	0B	0 B	0	0	0.115	0 A	0	0	---	---	5
6	---	---	0B	0 B	0	1.45	0.021	0 A	0	0	---	---	6
7	---	---	0B	0 B	0	0.133	0.004	0 A	0	0	---	---	7
8	---	---	0B	0 B	0	0.020	0.002	0 A	0	0	---	---	8
9	---	---	0B	0 B	0	0.006	0.002	0 A	0	0	---	---	9
10	---	---	0B	0 B	0	0.004	0.002	0 A	0	0	---	---	10
11	---	---	0B	0 B	0	0.003	0.062	0 A	0	0	---	---	11
12	---	---	0B	0 B	0	0.002	0.001	0 A	0	0	---	---	12
13	---	---	0B	0 B	0	0.004	0.132	0 A	0	0	---	---	13
14	---	---	0B	0.604B	0	0.003	0.345	0 A	0	0	---	---	14
15	---	---	0B	1.15 B	0	0.004	0.296	0	0	0	---	---	15
16	---	---	0B	0.585B	0	0.017	0.106	0	0	0	---	---	16
17	---	---	0B	0.331	0	0.170	0.007	0	0	0	---	---	17
18	---	---	0B	0.212	0	0.025	0.003A	0	0	0	---	---	18
19	---	---	0B	0.098	0	0.004	0.001A	0	0	0	---	---	19
20	---	---	0B	0.047	0	0.003	0.001A	0	0	0	---	---	20
21	---	---	0B	0.028	0	0.003	0 A	0	0	0	---	---	21
22	---	---	0B	0.014	0	0.003	0 A	0	0	0	---	---	22
23	---	---	0B	0.006	0	0.003	0 A	0	0	0	---	---	23
24	---	---	0B	0.004	0.064	0.002	0 A	0	0	0	---	---	24
25	---	---	0B	0.002	0.007	0.002	0 A	0	0	0	---	---	25
26	---	---	0B	0.002	0.002	0.001	0 A	0	0	0	---	---	26
27	---	---	0B	0.001	0.002	0.001	0 A	0	0	0	---	---	27
28	---	---	0B	0.001	0.002	0.004	0 A	0	0	0	---	---	28
29	---		0B	0.001	0.002	0.003	0 A	0	0	0	---	---	29
30	---		0B	0	0.003	0.001	0 A	0	0	0	---	---	30
31	---		0B		0.002		0 A	0		0.004		---	31
TOTAL	---	---	0	3.086	0.084	1.873	5.978	0.002	0	0.004	---	---	TOTAL
MEAN	---	---	0	0.103	0.003	0.062	0.193	0	0	0	---	---	MEAN
MAX	---	---	0	1.15	0.064	1.45	2.75	0.001	0	0.004	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.045
MAXIMUM DAILY, 2.75 ON JUL 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.82 AT 05:16 CST ON JUL 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 47 15 N
LONG 108 37 30 W
DRAINAGE AREA, 94.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	516
FEB	---	AUG	0.17
MAR	0	SEP	0
APR	267	OCT	0.35
MAY	7.26	NOV	---
JUN	162	DEC	---

TOTAL DISCHARGE, 953 dam³

OSCAR CREEK NEAR KRYDOR - STATION NO. 05GD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.045B	0.039B	0.009	0.050	0.061	0.020	0.017	0.002	---	---	1
2	---	---	0.045B	0.038B	0.006	0.045	0.116	0.052	0.002	0.002	---	---	2
3	---	---	0.045B	0.037B	0.003	0.050	0.520	0.099	0.002	0.002	---	---	3
4	---	---	0.045B	0.036B	0.114	0.041	0.116	0.098	0.002	0.002	---	---	4
5	---	---	0.045B	0.036B	0.019	0.070	0.045	0.327	0.002	0.002	---	---	5
6	---	---	0.045B	0.038B	0.001	0.103	0.057	0.062	0.002	0.002	---	---	6
7	---	---	0.045B	0.042B	0	0.098	0.062	0.038	0.002	0.002	---	---	7
8	---	---	0.045B	0.052B	0	0.108	0.067	0.018	0.002	0.002	---	---	8
9	---	---	0.045B	0.070B	0	0.109	0.068	0.013	0.002	0.002	---	---	9
10	---	---	0.045B	0.100B	0	0.082	0.084	0.013	0.002	0.002	---	---	10
11	---	---	0.045B	0.140B	0	0.073	0.067	0.022	0.002	0.002	---	---	11
12	---	---	0.045B	0.190B	0	0.188	0.048	0.047	0.002	0.002	---	---	12
13	---	---	0.045B	0.236B	0	0.191	0.043	0.054	0.002	0.002	---	---	13
14	---	---	0.045B	0.335B	0	0.104	0.057	0.040	0.002	0.002	---	---	14
15	---	---	0.045B	0.819B	0	0.094	0.185	0.025	0.002	0.002	---	---	15
16	---	---	0.045B	0.608B	0	0.067	0.111	0.010	0.002	0.002	---	---	16
17	---	---	0.045B	0.480B	0.023	0.059	0.047	0	0.002	0.003	---	---	17
18	---	---	0.045B	0.442B	0.024	0.074	0.052	0.001	0.002	0.003	---	---	18
19	---	---	0.045B	0.438B	0.037	0.064	0.064	0.048	0.002	0.004	---	---	19
20	---	---	0.045B	0.331B	0.074	0.049	0.101	0.040	0.002	0.004	---	---	20
21	---	---	0.045B	0.232	0.184	0.033	0.087	0.027	0.002	0.005	---	---	21
22	---	---	0.045B	0.153	0.091	0.045	0.079	0.038	0.002	0.006	---	---	22
23	---	---	0.045B	0.121	0.072	0.068	0.063	0.070	0.002	0.008	---	---	23
24	---	---	0.045B	0.080	0.058	0.159	0.047	0.039	0.002	0.010	---	---	24
25	---	---	0.045B	0.054	0.037	0.235	0.030	0.105	0.002	0.012	---	---	25
26	---	---	0.045B	0.040	0.029	0.180	0.023	0.009	0.002	0.015	---	---	26
27	---	---	0.045B	0.016	0.055	0.197	0.031	0.004	0.002	0.022	---	---	27
28	---	---	0.045B	0.014	0.171	0.088	0.031	0.003	0.002	0.024E	---	---	28
29	---		0.044B	0.047	0.063	0.056	0.026	0.002	0.002	0.025E	---	---	29
30	---		0.043B	0.019	0.084	0.059	0.021	0.002	0.002	0.026E	---	---	30
31	---		0.041B		0.066		0.015	0.028		0.026E		---	31
TOTAL	---	---	1.388	5.283	1.220	2.839	2.424	1.354	0.075	0.225	---	---	TOTAL
MEAN	---	---	0.045	0.176	0.039	0.095	0.078	0.044	0.003	0.007	---	---	MEAN
MAX	---	---	0.045	0.819	0.184	0.235	0.520	0.327	0.017	0.026	---	---	MAX
MIN	---	---	0.041	0.014	0	0.033	0.015	0	0.002	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.060
MAXIMUM DAILY, 0.819B ON APR 15
MINIMUM DAILY, 0 ON MAY 7
MAXIMUM INSTANTANEOUS,
1.85 AT 19:56 CST ON AUG 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 46 27 N
LONG 107 07 41 W
DRAINAGE AREA, 240 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	289
FEB	---	AUG	117
MAR	120	SEP	6.98
APR	456	OCT	19.4
MAY	105	NOV	---
JUN	245	DEC	---

TOTAL DISCHARGE, 1 280 dam³

OTHERSIDE RIVER AT OUTLET OF MERCREDI LAKE - STATION NO. 07LE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.79B	4.40B	4.15	5.11	19.5	20.8	12.2	12.0	10.6	13.8	12.5	9.53	1
2	5.53B	4.47B	4.17	5.01	23.7	19.9	12.2	12.2	10.8	13.6	12.2	9.48	2
3	5.36B	4.51B	4.15	4.98	28.5	19.3	11.9	12.0	11.0	13.4	12.1	9.39	3
4	5.17B	4.63B	4.14	4.97	32.7	19.5	12.0	11.7	11.2	13.4	12.2	9.24	4
5	5.08B	4.68B	4.19	5.00	35.9	18.5	11.7	11.3	11.4	13.2	12.1	9.08	5
6	5.03B	4.66B	4.25	5.17	37.4	18.1	11.3	11.4	11.5	13.5	11.8	8.88	6
7	4.94B	4.53B	4.18	5.16	38.0	17.7	11.0	11.3	11.5	13.4	11.7	8.50	7
8	4.93B	4.42B	4.23	5.37	37.8	17.1	11.1	11.4	11.7	13.1	11.6	8.38	8
9	4.93B	4.44B	4.38	5.78	36.9	16.8	10.9	11.5	12.0	13.0	11.5	8.51	9
10	4.88B	4.52B	4.48	5.99	35.8	16.7	11.0	11.5	12.7	13.2	11.5	8.43	10
11	4.79B	4.52	4.71	6.05	35.2	16.7	10.9	11.5	12.6	12.8	11.3	8.27	11
12	4.76B	4.56	4.61	6.11	34.3	16.6	10.6	11.1	13.2	12.8	11.2	8.38	12
13	4.84B	4.62	4.56	6.29	33.5	16.4	10.5	11.0	13.7	12.9	10.9	8.37	13
14	4.91B	4.68	4.62	6.32	32.8	16.1	10.4	11.0	13.9	12.9	10.9	8.43	14
15	4.93B	4.67	4.71	6.14	32.3	15.7	10.0	11.1	14.3	12.7	10.8	8.64	15
16	4.96B	4.66	4.63	6.24	31.3	16.0	9.73	11.1	14.9	13.2	10.7	8.72	16
17	4.91B	4.55	4.65	6.27	30.5	15.5	9.48	11.1	15.0	13.1	10.6	8.88	17
18	4.86B	4.38	4.70	6.46	30.0	15.0	9.12	10.9	14.8	12.7	10.5	8.92	18
19	4.88B	4.43	4.79	6.52	29.2	14.9	8.67	10.6	15.4	12.6	10.2	9.00	19
20	4.91B	4.50	4.90	6.54	28.6	15.1	7.63	10.3	15.5	12.8	10.0	9.02	20
21	4.96B	4.44	4.97	6.67	27.7	14.8	8.39	10.2	15.4	12.9	9.98	8.71	21
22	4.95B	4.38	5.10	6.72	27.1	13.9	8.99	10.1	15.3	13.0	9.85	8.64	22
23	5.00B	4.36	5.15	6.88	26.1	13.7	9.32	9.60	15.3	12.6	9.47	8.64	23
24	5.06B	4.33	5.19	7.03	25.2	13.3	9.43	9.24	15.0	12.7	9.44	8.64	24
25	4.71B	4.31	5.19	7.47	24.8	13.1	9.97	8.94	14.7	12.9	9.18	8.97	25
26	4.66B	4.21	5.16	8.13	24.1	12.9	10.4	9.59	14.7	13.0	9.08	9.02	26
27	4.66B	4.23	5.11	9.20	23.5	13.1	10.7	10.0	14.8	12.8	9.14	8.99	27
28	4.43B	4.17	5.15	10.6	22.7	13.0	10.8	10.4	14.5	12.9	9.26	8.87	28
29	4.44B		5.22	12.7	22.3	12.8	11.3	10.3	14.1	12.6	9.36	8.49	29
30	4.54B		5.28	15.4	21.9	12.4	11.4	10.5	13.9	12.6	9.53	8.49	30
31	4.56B		5.13		21.1		11.6	10.7		12.6		8.47	31
TOTAL	152.36	125.24	145.85	206.28	910.4	475.4	324.63	335.57	405.4	402.7	320.59	271.98	TOTAL
MEAN	4.91	4.47	4.70	6.88	29.4	15.8	10.5	10.8	13.5	13.0	10.7	8.77	MEAN
MAX	5.79	4.68	5.28	15.4	38.0	20.8	12.2	12.2	15.5	13.8	12.5	9.53	MAX
MIN	4.43	4.17	4.14	4.97	19.5	12.4	7.63	8.94	10.6	12.6	9.08	8.27	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.2
MAXIMUM DAILY, 38.0 ON MAY 7
MINIMUM DAILY, 4.14 ON MAR 4
MAXIMUM INSTANTANEOUS,
38.3 AT 17:21 CST ON MAY 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 55 40 N
LONG 107 29 20 W
DRAINAGE AREA, 2 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 200	JUL	28 000
FEB	10 800	AUG	29 000
MAR	12 600	SEP	35 000
APR	17 800	OCT	34 800
MAY	78 700	NOV	27 700
JUN	41 100	DEC	23 500

TOTAL DISCHARGE, 352 000 dam³

OVERFLOWING RIVER NEAR HUDSON BAY - STATION NO. 05LD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	2.07	5.65	0.305	0.170	1.13	0.695	0.615E	---	1
2	---	---	0B	0 B	2.19	6.99	0.252	0.241	1.23	0.864	0.595A	---	2
3	---	---	0B	0 B	2.07	6.40	0.315	0.392	1.30	0.939	---	---	3
4	---	---	0B	0 B	2.10	5.46	0.432	0.419	1.26	1.11	---	---	4
5	---	---	CB	0 B	2.02	4.89	0.411	0.374	1.16	1.20	---	---	5
6	---	---	0B	0 B	1.73	5.47	0.455	0.270	1.13	1.27	---	---	6
7	---	---	0B	0 B	1.54	5.79	1.30	0.261	1.12	1.30	---	---	7
8	---	---	0B	0 B	1.35	5.20	1.87	0.488	1.05	1.31	---	---	8
9	---	---	0B	0 B	1.14	4.42	1.61	0.621	0.931	1.29	---	---	9
10	---	---	0B	0 B	1.02	3.92	1.42	0.613	0.831	1.26	---	---	10
11	---	---	0B	0.010B	0.984	3.44	1.69	0.466	0.743	1.20	---	---	11
12	---	---	0B	0.050B	0.980	3.05	2.00	0.460	0.632	1.28	---	---	12
13	---	---	0B	0.100B	0.933	2.74	1.78	1.04	0.473	1.57	---	---	13
14	---	---	0B	0.180B	0.908	2.52	1.51	1.45	0.407	1.27	---	---	14
15	---	---	0B	0.365B	0.893	2.09	1.51	1.52	0.363	1.17	---	---	15
16	---	---	0B	0.518B	0.935	1.69	1.53	1.52	0.298	1.12	---	---	16
17	---	---	0B	0.570B	0.880	1.28	1.72	1.42	0.295	1.10	---	---	17
18	---	---	0B	0.600B	0.889	1.12	1.73	1.26	0.276	1.12	---	---	18
19	---	---	0B	0.640B	0.917	1.24	1.54	1.08	0.238	1.08	---	---	19
20	---	---	0B	0.700B	0.918	1.11	1.59	0.805	0.244	1.03	---	---	20
21	---	---	0B	0.799B	0.952	0.807	1.47	0.709	0.220	0.981A	---	---	21
22	---	---	0B	1.10 B	1.05	0.661	1.30	0.624	0.189	0.930E	---	---	22
23	---	---	0B	1.60 B	1.06	0.756	1.13	0.507	0.175	0.895E	---	---	23
24	---	---	0B	2.40 E	0.965	0.881	0.974	0.440	0.160	0.850E	---	---	24
25	---	---	0B	3.25 E	0.958	0.933	0.789	0.410	0.142	0.820E	---	---	25
26	---	---	0B	3.45 E	0.979	0.834	0.643	0.434	0.113	0.785E	---	---	26
27	---	---	0B	3.25 E	0.928	0.664	0.601	0.336	0.095	0.750E	---	---	27
28	---	---	0B	2.96 A	1.04	0.490	0.456	0.247	0.125	0.720E	---	---	28
29	---		0B	2.53	1.64	0.411	0.407	0.232	0.526	0.690E	---	---	29
30	---		0B	2.13	2.97	0.374	0.312	0.241	0.678	0.665E	---	---	30
31	---		0B		4.76		0.221	0.742		0.640E		---	31
TOTAL	---	---	0	27.202	43.769	81.281	33.273	19.792	17.534	31.904	---	---	TOTAL
MEAN	---	---	0	0.907	1.41	2.71	1.07	0.638	0.584	1.03	---	---	MEAN
MAX	---	---	0	3.45	4.76	6.99	2.00	1.52	1.30	1.57	---	---	MAX
MIN	---	---	0	0	0.880	0.374	0.221	0.170	0.095	0.640	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.06
MAXIMUM DAILY, 6.99 ON JUN 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
7.53 AT 02:06 CST ON JUN 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 01 51 N
LONG 102 18 58 W
DRAINAGE AREA, 349 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 870
FEB	---	AUG	1 710
MAR	0	SEP	1 510
APR	2 350	OCT	2 760
MAY	3 780	NOV	---
JUN	7 020	DEC	---

TOTAL DISCHARGE, 22 000 dam³

PAGATO RIVER AT OUTLET OF PAGATO LAKE - STATION NO. 06EA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.230B	0B	0B	0 B	6.46	11.9	13.2	6.68	15.2	9.20	4.90	2.80B	1
2	0.200B	0B	0B	0 B	6.68	12.0	13.3	6.80	15.1	9.01	4.86	2.76B	2
3	0.120B	0B	0B	0 B	6.89	12.1	13.3	6.80	14.9	9.02	4.63B	2.73B	3
4	0.060B	0B	0B	0 B	6.96	12.3	13.6	6.85	14.8	8.92	4.58B	2.71B	4
5	0 B	0B	0B	0 B	6.97	12.5	12.5	6.82	14.6	8.78	4.43B	2.69B	5
6	0 B	0B	0B	0 B	7.16	13.2	12.7	6.23	14.3	8.59	4.39B	2.67B	6
7	0 B	0B	0B	0 B	7.18	13.7	12.4	7.85	14.0	8.38	4.37B	2.68B	7
8	0 B	0B	0B	0 B	7.03	14.0	12.1	8.89	13.9	8.20	4.29B	2.70B	8
9	0 B	0B	0B	0 B	6.95	14.6	11.6	9.79	13.8	8.00	4.13B	2.70B	9
10	0 B	0B	0B	0 B	6.89	15.0	11.3	10.5	13.6	7.86	3.98B	2.70B	10
11	0 B	0B	0B	0.007B	6.76	14.8	11.1	10.7	13.4	7.55	3.03B	2.73B	11
12	0 B	0B	0B	0.015B	6.63	15.0	11.1	11.4	13.3	7.38	3.39B	2.71B	12
13	0 B	0B	0B	0.060B	6.62	15.0	10.6	12.7	12.9	7.29	3.45B	2.69B	13
14	0 B	0B	0B	0.170B	6.58	15.0	10.4	13.8	12.6	7.20	3.49B	2.64B	14
15	0 B	0B	0B	0.270B	6.53	14.9	10.2	14.7	12.3	6.99	3.46B	2.57B	15
16	0 B	0B	0B	0.400B	6.47	14.9	10.5	14.7	12.3	6.86	3.44B	2.54B	16
17	0 B	0B	0B	0.600B	6.38	14.7	10.1	14.7	12.1	6.79	3.42B	2.52B	17
18	0 B	0B	0B	0.900B	6.63	14.6	9.53	15.3	11.9	6.68	3.39B	2.49B	18
19	0 B	0B	0B	1.40 B	6.90	15.1	9.07	16.1	11.7	6.48	3.41B	2.42B	19
20	0 B	0B	0B	2.10 B	7.07	15.0	9.11	16.7	11.5	6.36	3.37B	2.40B	20
21	0 B	0B	0B	3.00 B	7.20	14.8	8.67	17.0	11.2	6.26	3.33B	2.35B	21
22	0 B	0B	0B	4.60 B	7.35	14.8	8.29	16.9	11.2	6.05	3.26B	2.28B	22
23	0 B	0B	0B	6.56 B	7.46	14.9	8.42	16.8	11.3	5.87	3.22B	2.31B	23
24	0 B	0B	0B	6.68 B	7.58	14.7	8.17	16.5	10.8	5.76	3.15B	2.31B	24
25	0 B	0B	0B	6.97 B	7.72	14.5	8.10	16.1	10.5	5.62	3.10B	2.28B	25
26	0 B	0B	0B	6.48	8.80	14.4	7.68	15.9	10.4	5.52	3.04B	2.25B	26
27	0 B	0B	0B	6.19	9.70	14.1	7.41	15.7	10.2	5.42	3.00B	2.23B	27
28	0 B	0B	0B	5.98	10.4	13.9	7.27	15.5	9.93	5.41	2.96B	2.22B	28
29	0 B		0B	6.10	11.0	13.9	6.87	15.5	9.89	5.31	2.90B	2.21B	29
30	0 B		0B	6.35	11.3	13.5	6.90	15.4	9.55	5.12	2.85B	2.19B	30
31	0 B		0B		11.6		7.02	15.3		5.04		2.19B	31
TOTAL	0.610	0	0	64.832	235.85	423.8	311.51	393.01	373.17	216.92	109.22	77.67	TOTAL
MEAN	0.020	0	0	2.16	7.61	14.1	10.0	12.7	12.4	7.00	3.64	2.51	MEAN
MAX	0.230	0	0	6.97	11.6	15.1	13.3	17.0	15.2	9.20	4.90	2.80	MAX
MIN	0	0	0	0	6.38	11.9	6.87	6.23	9.55	5.04	2.85	2.19	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.05
MAXIMUM DAILY, 17.0 ON AUG 21
MINIMUM DAILY, 0B ON JAN 5
MAXIMUM INSTANTANEOUS,
17.0 AT 19:55 CST ON AUG 21

REMARKS - NO FLOW WAS OBSERVED ON JAN 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 40 N
LONG 102 30 30 W
DRAINAGE AREA, 960 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52.7	JUL	26 900
FEB	0	AUG	34 000
MAR	0	SEP	32 200
APR	5 600	OCT	18 700
MAY	20 400	NOV	9 440
JUN	36 600	DEC	6 710

TOTAL DISCHARGE, 191 000 dam³

PAGE CREEK NEAR IFFLEY - STATION NO. 05EG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.025B	0.006B	1.10 E	0.038	0.203	0.356	0.238	0.054	0.002A	---	1
2	---	---	0.024B	0.007B	0.950E	0.045	0.382	0.385	0.244	0.052	---	---	2
3	---	---	0.023B	0.008B	0.860E	0.049	0.886	0.404	0.211	0.062	---	---	3
4	---	---	0.023B	0.009B	0.783A	0.047	1.15	0.358	0.212	0.068	---	---	4
5	---	---	0.022B	0.011B	0.720E	0.043	0.813	0.343	0.221	0.062	---	---	5
6	---	---	0.022B	0.014B	0.660E	0.159	0.646	0.300	0.192	0.059	---	---	6
7	---	---	0.021B	0.019B	0.610E	0.078	0.379	0.274	0.175	0.053	---	---	7
8	---	---	0.020B	0.024B	0.580E	0.046	0.237	0.242	0.148	0.046	---	---	8
9	---	---	0.020B	0.025B	0.530E	0.083	0.184	0.206	0.137	0.042	---	---	9
10	---	---	0.019B	0.028B	0.490E	0.059	0.238	0.171	0.132	0.038	---	---	10
11	---	---	0.018B	0.034B	0.450E	0.049	0.416	0.183	0.115	0.032	---	---	11
12	---	---	0.017B	0.045B	0.415E	0.059	0.415	0.195	0.104	0.024	---	---	12
13	---	---	0.016B	0.060B	0.452A	0.066	0.474	0.078	0.103	0.025	---	---	13
14	---	---	0.014B	0.090B	0.399	0.092	0.610	0.069	0.098	0.023	---	---	14
15	---	---	0.013B	0.453B	0.337	0.152	0.601	0.088	0.093	0.026	---	---	15
16	---	---	0.012B	1.00 B	0.312	0.091	0.516	0.077	0.069	0.027	---	---	16
17	---	---	0.011B	1.80 B	0.300	0.095	0.458	0.071	0.059	0.031	---	---	17
18	---	---	0.010B	2.20 B	0.253	0.092	0.382	0.097	0.054	0.028	---	---	18
19	---	---	0.009B	2.40 E	0.204	0.087	0.407	0.122	0.052	0.027	---	---	19
20	---	---	0.008B	2.60 E	0.214	0.091	0.443	0.285	0.052	0.027	---	---	20
21	---	---	0.008B	2.90 A	0.225	0.109	0.662	0.322	0.050	0.024	---	---	21
22	---	---	0.007B	3.10 E	0.176	0.161	0.881	0.357	0.049	0.026	---	---	22
23	---	---	0.007B	3.25 E	0.155	0.204	0.673	0.338	0.052	0.026	---	---	23
24	---	---	0.007B	3.10 E	0.190	0.209	0.440	0.583	0.059	0.025	---	---	24
25	---	---	0.006B	2.90 E	0.125	0.207	0.296	0.558	0.061	0.024	---	---	25
26	---	---	0.006B	2.69 A	0.092	0.256	0.231	0.307	0.052	0.020	---	---	26
27	---	---	0.006B	2.20 E	0.059	0.234	0.214	0.245	0.050	0.022	---	---	27
28	---	---	0.006B	1.80 E	0.037	0.211	0.362	0.227	0.049	0.021	---	---	28
29	---		0.006B	1.50 E	0.030	0.203	0.391	0.204	0.060	0.016	---	---	29
30	---		0.006B	1.30 E	0.029	0.203	0.380	0.250	0.060	0.021	---	---	30
31	---		0.006B		0.028		0.370	0.234		0.009	---	---	31
TOTAL	---	---	0.418	35.573	11.765	3.518	14.740	7.841	3.251	1.040	---	---	TOTAL
MEAN	---	---	0.013	1.19	0.380	0.117	0.475	0.253	0.108	0.034	---	---	MEAN
MAX	---	---	0.025	3.25	1.10	0.256	1.15	0.583	0.244	0.068	---	---	MAX
MIN	---	---	0.006	0.006	0.028	0.038	0.184	0.069	0.049	0.009	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.319
MAXIMUM DAILY, 3.25E ON APR 23
MINIMUM DAILY, 0.006B ON MAR 25

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 26 N
LONG 108 05 17 W
DRAINAGE AREA, 922 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 270
FEB	---	AUG	677
MAR	36.1	SEP	281
APR	3 070	OCT	89.9
MAY	1 020	NOV	---
JUN	304	DEC	---

TOTAL DISCHARGE, 6 750 dam³

PASQUIA RIVER AT HIGHWAY NO. 9 - STATION NO. 05KJ014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 B	3.55 B	4.70	0.199	0.060	1.11	0.418	0.314B	---	1
2	---	---	0 B	0 B	3.20 B	4.61	0.190	0.080	0.985	0.436	---	---	2
3	---	---	0 B	0 B	2.63 B	3.26	0.293	0.150	0.698	0.427	---	---	3
4	---	---	0 B	0 B	2.30	2.56	0.607	0.166	0.765	0.489	---	---	4
5	---	---	0 B	0 B	2.02	2.23	0.495	0.125	0.973	0.389	---	---	5
6	---	---	0 B	0 B	1.69	1.82	0.862	0.092	1.18	0.370	---	---	6
7	---	---	0 B	0 B	1.37	1.46	1.45	0.104	1.37	0.379	---	---	7
8	---	---	0 B	0 B	1.14	1.15	1.03	0.177	1.61	0.360	---	---	8
9	---	---	0 B	0 B	0.980	0.922	0.846	0.162	1.44	0.399	---	---	9
10	---	---	0 B	0 B	0.911	0.785	0.784	0.095	1.12	0.501	---	---	10
11	---	---	0 B	0 B	0.939	0.669	0.618	0.055	0.974	0.574	---	---	11
12	---	---	0 B	0 B	0.984	0.550	0.494	0.025	0.803	0.632	---	---	12
13	---	---	0 B	0.010B	0.992	0.703	0.380	0.069	0.587	0.678	---	---	13
14	---	---	0 B	0.040B	1.08	0.563	0.334	0.079	0.405	0.707	---	---	14
15	---	---	0 B	0.106B	0.993	0.474	0.335	0.054	0.302	0.722	---	---	15
16	---	---	0 B	0.274B	0.848	0.525	0.341	0.028	0.263	0.620	---	---	16
17	---	---	0 B	0.265B	0.862	0.574	0.372	0.013	0.249	0.617	---	---	17
18	---	---	0 B	0.245B	0.945	0.507	0.339	0.028	0.250	0.610	---	---	18
19	---	---	0 B	0.225B	0.889	0.606	0.286	0.080	0.253	0.485	---	---	19
20	---	---	0 B	0.210B	0.841	0.675	0.280	0.132	0.252	0.417B	---	---	20
21	---	---	0 B	0.200B	0.870	0.612	0.270	0.116	0.253	0.424B	---	---	21
22	---	---	0 B	0.240B	0.876	0.522	0.218	0.143	0.257	0.346B	---	---	22
23	---	---	0 B	0.430B	0.802	0.473	0.175	0.184	0.247	0.365	---	---	23
24	---	---	0 B	0.600B	0.740	0.465	0.150	0.164	0.242	0.363	---	---	24
25	---	---	0 B	0.830B	0.658	0.391	0.128	0.178	0.245	0.358	---	---	25
26	---	---	0 B	1.15 B	0.567	0.378	0.112	0.191	0.241	0.356	---	---	26
27	---	---	0 B	1.60 B	0.507	0.339	0.101	0.182	0.240	0.359	---	---	27
28	---	---	0 B	2.15 B	0.796	0.288	0.084	0.202	0.252	0.344	---	---	28
29	---		0.002B	4.10 B	2.17	0.258	0.074	0.252	0.392	0.300	---	---	29
30	---		0.003B	4.76 B	2.56	0.228	0.068	0.343	0.450	0.196B	---	---	30
31	---		0 B		3.12		0.060	0.889		0.292B		---	31
TOTAL	---	---	0.005	17.435	42.830	33.293	11.975	4.618	18.408	13.933	---	---	TOTAL
MEAN	---	---	0	0.581	1.38	1.11	0.386	0.149	0.614	0.449	---	---	MEAN
MAX	---	---	0.003	4.76	3.55	4.70	1.45	0.889	1.61	0.722	---	---	MAX
MIN	---	---	0	0	0.507	0.228	0.060	0.013	0.240	0.196	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.582
MAXIMUM DAILY, 4.76B ON APR 30
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.17 AT 00:21 CST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 20 N
LONG 102 06 15 W
DRAINAGE AREA, 74.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL 1	030
FEB	---	AUG	399
MAR	0.43	SEP 1	590
APR 1	510	OCT 1	200
MAY 3	700	NOV	---
JUN 2	880	DEC	---

TOTAL DISCHARGE, 12 300 dam³

PELICAN LAKE AT PELICAN NARROWS - STATION NO. 05KG009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	313.313	313.525E	313.566	313.687	313.659	---	---	1
2	---	---	---	---	---	313.307	313.523E	313.576	313.697	---	---	---	2
3	---	---	---	---	---	313.327	313.521E	313.576	313.697	---	---	---	3
4	---	---	---	---	---	313.337	313.519E	313.576	313.697	---	---	---	4
5	---	---	---	---	---	313.345	313.517	313.576	313.687	---	---	---	5
6	---	---	---	---	---	313.356E	313.517	313.576	313.687	---	---	---	6
7	---	---	---	---	---	313.367	313.527	313.576	313.687	---	---	---	7
8	---	---	---	---	---	313.387	313.527	313.576	313.687	---	---	---	8
9	---	---	---	---	---	313.407	313.527	313.586	313.687	---	---	---	9
10	---	---	---	---	---	313.417	313.527E	313.586	313.688	---	---	---	10
11	---	---	---	---	---	313.417	313.527E	313.586	313.688	---	---	---	11
12	---	---	---	---	---	313.425	313.527	313.616	313.688	---	---	---	12
13	---	---	---	---	---	313.427	313.537	313.626	313.688	---	---	---	13
14	---	---	---	---	---	313.437	313.547	313.636	313.688	---	---	---	14
15	---	---	---	---	---	313.447	313.557	313.636	313.688	---	---	---	15
16	---	---	---	---	---	313.447	313.567	313.646	313.688	---	---	---	16
17	---	---	---	---	---	313.457	313.570E	313.676	313.688	---	---	---	17
18	---	---	---	---	---	313.457	313.573E	313.676	313.678	---	---	---	18
19	---	---	---	---	---	313.457	313.576	313.676	313.678	313.643	---	---	19
20	---	---	---	---	---	313.457	313.576	313.676	313.678	---	---	---	20
21	---	---	---	---	---	313.467	313.576	313.676	313.678	---	---	---	21
22	---	---	---	---	---	313.477	313.576	313.676	313.658	---	---	---	22
23	---	---	---	---	---	313.507	313.576	313.676	313.658	---	---	---	23
24	---	---	---	---	---	313.517	313.566	313.676	313.658	---	---	---	24
25	---	---	---	---	---	313.517	313.566	313.677	313.658	---	---	---	25
26	---	---	---	---	---	313.517	313.566	313.677	313.659	---	---	---	26
27	---	---	---	---	---	313.527	313.576	313.677	313.659	---	---	---	27
28	---	---	---	---	---	313.527	313.574E	313.687	313.659	---	---	---	28
29	---		---	---	---	313.527	313.572E	313.687	313.659	---	---	---	29
30	---		---	---	---	313.527	313.570E	313.687	313.659	---	---	---	30
31	---		---		---		313.568E	313.687		---		---	31
MEAN	---	---	---	---	---	313.437	313.551	313.636	313.679	---	---	---	MEAN
MAX	---	---	---	---	---	313.527	313.576	313.687	313.697	---	---	---	MAX
MIN	---	---	---	---	---	313.307	313.517	313.566	313.658	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 313.697 ON SEP 2

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 09 57 N
LONG 102 56 28 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PHEASANT CREEK NEAR ABERNETHY - STATION NO. 05JL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.392B	0.005	0.005	0	0	0	0	---	---	1
2	---	---	0 B	0.264B	0.005	0.003	0	0	0	0	---	---	2
3	---	---	0 B	0.165B	0.005	0.002	0	0	0	0	---	---	3
4	---	---	0 B	0.049B	0.005	0.001	0	0	0	0	---	---	4
5	---	---	0 B	0.017B	0.005	0	0	0	0	0	---	---	5
6	---	---	0 B	0.005B	0.005	0	0	0	0	0	---	---	6
7	---	---	0 B	0.002B	0.005	0	0	0	0	0	---	---	7
8	---	---	0 B	0.006B	0.005	0	0	0	0	0	---	---	8
9	---	---	0 B	0.010B	0.005	0	0	0	0	0	---	---	9
10	---	---	0 B	0.010B	0.005	0	0	0	0	0	---	---	10
11	---	---	0 B	0.611B	0.005	0	0	0	0	0	---	---	11
12	---	---	0 B	6.40 B	0.005	0	0	0	0	0	---	---	12
13	---	---	0 B	10.3 B	0.005	0	0	0	0	0	---	---	13
14	---	---	0 B	6.43 B	0.005	0	0	0	0	0	---	---	14
15	---	---	0 B	3.11 B	0.005	0	0	0	0	0	---	---	15
16	---	---	0 B	2.12	0.005	0	0	0	0	0	---	---	16
17	---	---	0 B	1.70	0.005	0	0.102	0	0	0	---	---	17
18	---	---	0 B	1.15	0.005	0	0.040	0	0	0	---	---	18
19	---	---	0 B	0.668	0.005	0	0.005	0	0	0	---	---	19
20	---	---	0 B	0.332	0.005	0	0.003	0	0	0	---	---	20
21	---	---	0 B	0.158	0.005	0	0.002	0	0	0	---	---	21
22	---	---	0 B	0.061	0.005	0	0.001	0	0	0	---	---	22
23	---	---	0 B	0.045	0.005	0	0.001	0	0	0	---	---	23
24	---	---	0 B	0.035	0.005	0	0	0	0	0	---	---	24
25	---	---	0 B	0.025	0.005	0	0	0	0	0	---	---	25
26	---	---	0 B	0.020	0.005	0	0	0	0	0	---	---	26
27	---	---	0 B	0.015	0.005	0	0	0	0	0	---	---	27
28	---	---	0 B	0.010	0.005	0	0	0	0	0	---	---	28
29	---		0 B	0.007	0.005	0	0	0	0	0	---	---	29
30	---		0 B	0.005	0.005	0	0	0	0	0	---	---	30
31	---		0.061B		0.005		0	0		0		---	31
TOTAL	---	---	0.061	34.122	0.155	0.011	0.154	0	0	0	---	---	TOTAL
MEAN	---	---	0.002	1.14	0.005	0	0.005	0	0	0	---	---	MEAN
MAX	---	---	0.061	10.3	0.005	0.005	0.102	0	0	0	---	---	MAX
MIN	---	---	0	0.002	0.005	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.141
MAXIMUM DAILY, 10.3B ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.7B AT 21:06 CST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 00 N
LONG 103 19 41 W
DRAINAGE AREA, 1 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13.3
FEB	---	AUG	0
MAR	5.27	SEP	0
APR	2 950	OCT	0
MAY	13.4	NOV	---
JUN	0.95	DEC	---

TOTAL DISCHARGE, 2 980 dam³

PIKE LAKE NEAR SASKATOON - STATION NO. 05HG003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	481.407E	481.439E	481.525E	481.621E	481.646E	---	---	---	1
2	---	---	---	---	481.407E	481.442E	481.527E	481.624E	481.660	---	---	---	2
3	---	---	---	---	481.407	481.445E	481.529E	481.627E	481.659E	---	---	---	3
4	---	---	---	---	481.407	481.448	481.530E	481.631	481.659E	---	---	---	4
5	---	---	---	---	481.407	481.448E	481.532	481.631E	481.659E	---	---	---	5
6	---	---	---	---	481.407	481.448E	481.552	481.631	481.659E	---	---	---	6
7	---	---	---	---	481.407	481.448E	481.552	481.624E	481.659	---	---	---	7
8	---	---	---	---	481.407E	481.448	481.572	481.617E	481.659E	---	---	---	8
9	---	---	---	---	481.407E	481.443E	481.574E	481.611	481.659	---	---	---	9
10	---	---	---	---	481.407	481.438E	481.576E	481.600E	481.652E	---	---	---	10
11	---	---	---	---	481.397	481.433	481.578E	481.590	481.644E	---	---	---	11
12	---	---	---	---	481.397	481.438E	481.580E	481.600E	481.637E	---	---	---	12
13	---	---	---	---	481.397E	481.443E	481.582	481.610	481.629	---	---	---	13
14	---	---	---	---	481.397	481.448	481.581	481.620E	481.609	---	---	---	14
15	---	---	---	---	481.395E	481.463	481.591	481.630E	481.609E	---	---	---	15
16	---	---	---	---	481.392E	481.473E	481.601	481.640	481.609	---	---	---	16
17	---	---	---	---	481.390E	481.482	481.605E	481.660	481.606E	---	---	---	17
18	---	---	---	---	481.387	481.487	481.608E	481.660	481.604E	---	---	---	18
19	---	---	---	---	481.392E	481.491E	481.611	481.658E	481.601E	---	---	---	19
20	---	---	---	---	481.397	481.494E	481.611	481.655E	481.599	---	---	---	20
21	---	---	---	---	481.407	481.497	481.611	481.653E	481.599E	---	---	---	21
22	---	---	---	---	481.407E	481.497	481.611	481.650E	481.599E	---	---	---	22
23	---	---	---	---	481.407E	481.502	481.611	481.648	481.598E	481.576	---	---	23
24	---	---	---	---	481.407E	481.502	481.611E	481.660	481.598	---	---	---	24
25	---	---	---	---	481.407	481.505E	481.611E	481.660E	481.598E	---	---	---	25
26	---	---	---	---	---	481.618E	481.507E	481.611	481.660E	481.598E	---	---	26
27	---	---	---	481.407	481.420E	481.510E	481.611	481.660	481.596E	---	---	---	27
28	---	---	---	481.407E	481.427	481.512	481.611	481.646E	481.596E	---	---	---	28
29	---		---	481.407E	481.430E	481.522	481.611	481.633E	481.594E	---	---	---	29
30	---		---	481.407E	481.433E	481.524E	481.614E	481.620	481.594E	---	---	---	30
31	---		---		481.436E		481.618E	481.633E		---		---	31
MEAN	---	---	---	---	481.407	481.473	481.585	481.634	481.623	---	---	---	MEAN
MAX	---	---	---	---	481.436	481.524	481.618	481.660	481.660	---	---	---	MAX
MIN	---	---	---	---	481.387	481.433	481.525	481.590	481.594	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 481.660 ON AUG 17

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 53 20 N
LONG 106 48 20 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PINTO CREEK NEAR WOODROW - STATION NO. 05JA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	21.0	0.256	3.22	0.079	0.037	0	0	0	---	1
2	---	0B	0 B	25.0	0.243	3.17	0.096	0.039	0	0	0	---	2
3	---	0B	0 B	23.7	0.233	3.10	0.107	0.037	0	0	---	---	3
4	---	0B	0 B	19.3	0.208	3.39	0.074	0.036	0	0	---	---	4
5	---	0B	0 B	15.0	0.181	3.14	0.069	0.036	0	0	---	---	5
6	---	0B	0 B	9.94	0.161	2.52	0.065	0.028	0	0	---	---	6
7	---	0B	0.152B	9.72	0.148	2.05	0.058	0.022	0	0	---	---	7
8	---	0B	0.260B	9.96	0.123	1.72	0.049	0.015	0	0	---	---	8
9	---	0B	0.372B	5.94	0.120	1.34	0.044	0.013	0	0	---	---	9
10	---	0B	0.515B	4.22	0.133	1.01	0.039	0.008	0	0	---	---	10
11	---	0B	0.562B	5.39	0.132	0.808	0.032	0.007	0	0	---	---	11
12	---	0B	0.551B	8.22	0.121	0.624	0.027	0.564	0	0	---	---	12
13	---	0B	0.575B	10.5	0.114	0.551	0.018	0.071	0	0	---	---	13
14	---	0B	0.791B	11.7	0.094	0.498	0.015	0.017	0	0	---	---	14
15	---	0B	0.708B	12.0	0.081	0.426	0.016	0.010	0	0	---	---	15
16	---	0B	0.655B	11.4	0.092	0.383	0.021	0.007	0	0	---	---	16
17	---	0B	4.15 B	11.0	0.097	0.340	0.029	0.007	0	0	---	---	17
18	---	0B	10.5 B	10.3	0.090	0.340	0.032	0.006	0	0	---	---	18
19	---	0B	12.2 B	8.38	0.087	0.302	0.030	0.002	0	0	---	---	19
20	---	0B	13.3 B	5.67	0.096	0.239	0.020	0.001	0	0	---	---	20
21	---	0B	13.2 B	3.15	0.101	0.194	0.014	0.001	0	0	---	---	21
22	---	0B	12.1 B	1.88	0.089	0.166	0.027	0	0	0	---	---	22
23	---	0B	8.46 B	1.40	0.073	0.151	0.022	0	0	0	---	---	23
24	---	0B	6.69 B	1.09	0.073	0.140	0.021	0	0	0	---	---	24
25	---	0B	6.08 B	0.787	0.067	0.124	0.016	0	0	0	---	---	25
26	---	0B	6.14 B	0.563	0.058	0.103	0.016	0	0	0	---	---	26
27	---	0B	7.83 B	0.453	0.054	0.280	0.017	0	0	0	---	---	27
28	---	0B	10.3	0.369	0.151	0.119	0.019	0	0	0	---	---	28
29	---		14.6	0.317	1.25	0.088	0.022	0	0	0	---	---	29
30	---		21.2	0.291	2.38	0.081	0.026	0	0	0	---	---	30
31	---		23.4		3.26		0.032	0		0		---	31
TOTAL	---	0	175.291	248.640	10.362	30.617	1.152	0.964	0	0	---	---	TOTAL
MEAN	---	0	5.65	8.29	0.334	1.02	0.037	0.031	0	0	---	---	MEAN
MAX	---	0	23.4	25.0	3.26	3.39	0.107	0.564	0	0	---	---	MAX
MIN	---	0	0	0.291	0.054	0.081	0.014	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.91
MAXIMUM DAILY, 25.0 ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
27.4 AT 06:21 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 53 N
LONG 106 43 30 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	99.5
FEB	0	AUG	83.3
MAR	15 100	SEP	0
APR	21 500	OCT	0
MAY	895	NOV	---
JUN	2 650	DEC	---

TOTAL DISCHARGE, 40 300 dam³

PIPESTONE CREEK NEAR MOOSOMIN - STATION NO. 05NE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.012B	0.015B	1.27	0.143	0.085	0.375	0.085	0.137	0.045B	---	1
2	---	---	0.012B	0.015B	1.32	0.115	0.086	0.367	0.089	0.148	0.059B	---	2
3	---	---	0.012B	0.015B	1.43	0.111	0.079	0.294	0.102	0.141	0.048B	---	3
4	---	---	0.012B	0.015B	1.71	0.107	0.061	0.223	0.120	0.176	0.050B	---	4
5	---	---	0.012B	0.015B	1.26	0.119	0.061	0.163	0.125	0.745	---	---	5
6	---	---	0.013B	0.015B	1.27	0.119	0.058	0.199	0.143	1.17	---	---	6
7	---	---	0.013B	0.015B	0.915	0.140	0.052	0.411	0.134	1.14	---	---	7
8	---	---	0.013B	0.015B	0.717	0.122	0.053	0.230	0.133	1.14	---	---	8
9	---	---	0.013B	0.015B	0.784	0.110	0.064	0.177	0.131	1.14	---	---	9
10	---	---	0.013B	0.015B	1.00	0.095	0.068	0.177	0.130	1.13	---	---	10
11	---	---	0.013B	0.300B	0.856	0.091	0.063	0.164	0.146	1.11	---	---	11
12	---	---	0.014B	1.00 B	0.707	0.077	0.071	0.168	0.140	1.11 A	---	---	12
13	---	---	0.014B	4.00 B	0.677	0.069	0.077	0.145	0.145	1.10 A	---	---	13
14	---	---	0.014B	16.5 A	0.683	0.066	0.074	0.138	0.135	0.739A	---	---	14
15	---	---	0.014B	24.0	0.699	0.067	0.071	0.123	0.124	0.031A	---	---	15
16	---	---	0.014B	25.6	0.717	0.049	0.065	0.107	0.120	0.021	---	---	16
17	---	---	0.014B	25.2	0.716	0.060	0.071	0.103	0.121	0.024	---	---	17
18	---	---	0.014B	23.7	0.657	0.069	0.052	0.102	0.108	0.025	---	---	18
19	---	---	0.015B	16.4	0.595	0.069	0.043	0.079	0.104	0.026	---	---	19
20	---	---	0.015B	11.1	0.527	0.070	0.038	0.071	0.113	0.026	---	---	20
21	---	---	0.015B	8.28	0.508	0.066	0.033	0.070	0.130	0.026	---	---	21
22	---	---	0.015B	5.52	0.450	0.068	0.047	0.060	0.142	0.026	---	---	22
23	---	---	0.015B	0.456	0.420	0.067	0.038	0.066	0.139	0.029	---	---	23
24	---	---	0.015B	0.345	0.476	0.046	0.035	0.073	0.160	0.028	---	---	24
25	---	---	0.015B	0.302	0.407	0.058	0.030	0.071	0.143	0.023	---	---	25
26	---	---	0.015B	0.269	0.344	0.062	0.032	0.065	0.118	0.026	---	---	26
27	---	---	0.015B	0.239	0.273	0.066	0.069	0.059	0.127	0.031	---	---	27
28	---	---	0.015B	0.376	0.253	0.070	0.224	0.054	0.167	0.049	---	---	28
29	---		0.015B	0.758	0.216	0.075	0.494	0.058	0.134	0.053B	---	---	29
30	---		0.015B	1.18	0.193	0.083	0.516	0.060	0.140	0.059B	---	---	30
31	---		0.015B		0.221		0.527	0.075		0.052B		---	31
TOTAL	---	---	0.431	165.635	22.271	2.529	3.337	4.527	3.848	11.681	---	---	TOTAL
MEAN	---	---	0.014	5.52	0.718	0.084	0.108	0.146	0.128	0.377	---	---	MEAN
MAX	---	---	0.015	25.6	1.71	0.143	0.527	0.411	0.167	1.17	---	---	MAX
MIN	---	---	0.012	0.015	0.193	0.046	0.030	0.054	0.085	0.021	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.875
MAXIMUM DAILY, 25.6 ON APR 16
MINIMUM DAILY, 0.012B ON MAR 1
MAXIMUM INSTANTANEOUS,
26.6 AT 23:32 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 40 N
LONG 101 40 33 W
DRAINAGE AREA, 3 650 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	288
FEB	---	AUG	391
MAR	27.2	SEP	332
APR	14 300	OCT	1 010
MAY	1 920	NOV	---
JUN	219	DEC	---

TOTAL DISCHARGE, 18 500 dam³

PIPESTONE CREEK NEAR ROSE VALLEY - STATION NO. 05LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	1.12	0.658	0	0	0	0	0B	---	1
2	---	---	0B	0 B	0.911	0.624	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.786	0.561	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.718	0.461	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.663	0.393	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.630E	0.363	0.017	0	0	0	---	---	6
7	---	---	0B	0 B	0.600E	0.303	0.055	0	0	0	---	---	7
8	---	---	0B	0 B	0.575E	0.252	0.078	0	0	0	---	---	8
9	---	---	0B	0 B	0.550E	0.198	0.104	0	0	0	---	---	9
10	---	---	0B	0 B	0.518A	0.146	0.123	0	0	0	---	---	10
11	---	---	0B	0 B	0.510E	0.105	0.130	0	0	0	---	---	11
12	---	---	0B	0.004B	0.500E	0.107	0.135	0	0	0	---	---	12
13	---	---	0B	0.008B	0.480E	0.127	0.136	0	0	0	---	---	13
14	---	---	0B	0.018B	0.470E	0.140	0.110	0	0	0	---	---	14
15	---	---	0B	0.018B	0.460E	0.149	0.013	0	0	0	---	---	15
16	---	---	0B	0.480B	0.485E	0.158	0	0	0	0	---	---	16
17	---	---	0B	2.73 B	0.438E	0.161	0	0	0	0	---	---	17
18	---	---	0B	4.44 B	0.420E	0.165	0	0	0	0	---	---	18
19	---	---	0B	4.32 B	0.415A	0.069	0	0	0	0	---	---	19
20	---	---	0B	3.76	0.403	0.058	0	0	0	0	---	---	20
21	---	---	0B	3.39	0.421	0.083	0	0	0	0B	---	---	21
22	---	---	0B	2.96	0.414	0.032	0	0	0	0B	---	---	22
23	---	---	0B	2.56	0.397	0.021	0	0	0	0B	---	---	23
24	---	---	0B	2.22	0.385	0.007	0	0	0	0B	---	---	24
25	---	---	0B	2.09	0.370	0	0	0	0	0B	---	---	25
26	---	---	0B	1.94	0.354	0	0	0	0	0B	---	---	26
27	---	---	0B	1.82	0.342	0	0	0	0	0B	---	---	27
28	---	---	0B	1.69	0.420	0	0	0	0	0B	---	---	28
29	---		0B	1.49	0.603	0	0	0	0	0B	---	---	29
30	---		0B	1.30	0.660	0	0	0	0	0B	---	---	30
31	---		0B		0.675		0	0		0B		---	31
TOTAL	---	---	0	37.238	16.649	5.341	0.901	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.24	0.537	0.178	0.029	0	0	0	---	---	MEAN
MAX	---	---	0	4.44	1.12	0.658	0.136	0	0	0	---	---	MAX
MIN	---	---	0	0	0.342	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.245
MAXIMUM DAILY, 4.44B ON APR 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.59B AT 18:08 CST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 17 21 N
LONG 103 40 20 W
DRAINAGE AREA, 841 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	77.8
FEB	---	AUG	0
MAR	0	SEP	0
APR	3 220	OCT	0
MAY	1 440	NOV	---
JUN	461	DEC	---

TOTAL DISCHARGE, 5 200 dam³

PIPESTONE RIVER BELOW ROTARIU LAKE - STATION NO. 07LD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.63	1.01 B	0.976B	1.02B	3.34	4.09	3.26	4.23	4.01	3.10	2.53	2.21B	1
2	1.60	1.00 B	0.975B	1.03B	3.49	4.06	3.33	4.22	3.97	3.05	2.53	2.21B	2
3	1.57	1.00 B	0.975B	1.04B	3.62	3.99	3.41	4.16	4.03	3.00	2.47	2.20B	3
4	1.54	1.00 B	0.975B	1.05B	3.75	3.96	3.49	4.21	3.96	2.95	2.47	2.20B	4
5	1.50	1.00 B	0.975B	1.06B	3.91	3.97	3.54	4.27	3.92	2.92	2.48	2.20B	5
6	1.44	0.999B	0.975B	1.07B	3.95	3.91	3.46	4.29	3.90	2.91	2.51	2.19B	6
7	1.40	0.997B	0.975B	1.09B	3.87	3.90	3.42	4.47	3.94	2.88	2.49	2.19B	7
8	1.36	0.996B	0.975B	1.10B	3.84	3.95	3.35	4.53	3.89	2.86	2.50	2.18B	8
9	1.31	0.995B	0.975B	1.11B	3.75	3.97	3.33	4.66	3.83	2.86	2.51	2.18B	9
10	1.29	0.994B	0.975B	1.12B	3.71	3.96	3.26	4.79	3.86	2.86	2.50	2.17B	10
11	1.28B	0.993B	0.975B	1.14B	3.70	3.95	3.22	4.85	3.91	2.85	2.51	2.17B	11
12	1.25B	0.992B	0.975B	1.16B	3.72	3.95	3.18	4.90	3.83	2.83	2.50	2.16B	12
13	1.23B	0.991B	0.975B	1.18B	3.82	3.95	3.18	4.88	3.78	2.84	2.45	2.16B	13
14	1.20B	0.990B	0.975B	1.20B	3.86	3.93	3.20	4.81	3.76	2.81	2.41	2.15B	14
15	1.19B	0.989B	0.975B	1.22	3.90	3.90	3.18	4.75	3.76	2.80	2.43	2.15B	15
16	1.17B	0.988B	0.975B	1.24	3.93	3.84	3.09	4.69	3.75	2.72	2.36	2.15B	16
17	1.15B	0.987B	0.975B	1.30	3.95	3.82	3.04	4.67	3.75	2.76	2.37	2.14B	17
18	1.13B	0.986B	0.975B	1.34	3.90	3.80	3.02	4.67	3.69	2.76	2.38B	2.14B	18
19	1.12B	0.985B	0.976B	1.39	3.88	3.77	3.07	4.62	3.62	2.75	2.36B	2.14B	19
20	1.11B	0.984B	0.977B	1.46	3.86	3.70	3.15	4.54	3.60	2.73	2.34B	2.13B	20
21	1.10B	0.983B	0.978B	1.56	3.89	3.65	3.08	4.46	3.54	2.70	2.32B	2.13B	21
22	1.09B	0.982B	0.979B	1.66	3.91	3.64	3.13	4.40	3.47	2.69	2.30B	2.13B	22
23	1.08B	0.981B	0.980B	1.83	3.92	3.56	3.46	4.33	3.42	2.72	2.29B	2.12B	23
24	1.07B	0.980B	0.982B	2.04	3.96	3.52	3.79	4.24	3.39	2.73	2.27B	2.12B	24
25	1.06B	0.980B	0.984B	2.24	3.89	3.46	3.94	4.20	3.37	2.71	2.26B	2.12B	25
26	1.05B	0.979B	0.987B	2.40	3.96	3.37	4.09	4.13	3.31	2.69	2.25B	2.11B	26
27	1.04B	0.978B	0.990B	2.61	4.05	3.28	4.21	4.09	3.25	2.68	2.24B	2.11B	27
28	1.03B	0.977B	0.995B	2.79	4.15	3.24	4.30	4.08	3.18	2.67	2.23B	2.11B	28
29	1.02B		1.00 B	2.96	4.18	3.22	4.32	4.10	3.13	2.68	2.22B	2.11B	29
30	1.02B		1.01 B	3.14	4.19	3.22	4.27	4.08	3.11	2.63	2.22B	2.11B	30
31	1.01B		1.02 B		4.16		4.22	4.03		2.57		2.10B	31
TOTAL	38.04	27.716	30.409	46.55	120.01	112.53	107.99	137.35	109.93	86.71	71.70	66.69	TOTAL
MEAN	1.23	0.990	0.981	1.55	3.87	3.75	3.48	4.43	3.66	2.80	2.39	2.15	MEAN
MAX	1.63	1.01	1.02	3.14	4.19	4.09	4.32	4.90	4.03	3.10	2.53	2.21	MAX
MIN	1.01	0.977	0.975	1.02	3.34	3.22	3.02	4.03	3.11	2.57	2.22	2.10	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.62
MAXIMUM DAILY, 4.90 ON AUG 12
MINIMUM DAILY, 0.975B ON MAR 2
MAXIMUM INSTANTANEOUS,
4.90 AT 13:28 CST ON AUG 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 14 15 N
LONG 106 07 45 W
DRAINAGE AREA, 963 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 290	JUL	9 330
FEB	2 390	AUG	11 900
MAR	2 630	SEP	9 500
APR	4 020	OCT	7 490
MAY	10 400	NOV	6 190
JUN	9 720	DEC	5 760

TOTAL DISCHARGE, 82 600 dam³

PORCUPINE RIVER AT OUTLET OF GROVE LAKE - STATION NO. 07LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.2E	32.7	30.1	25.8	36.4	168	118	83.6	64.9	90.3	69.4	50.2	1
2	38.1E	32.6	29.8	25.7	44.9	168	116	82.7	65.4	90.2	68.2	49.4	2
3	37.9E	32.4	29.8	25.2	53.1	169	114	81.4	66.9	88.7	64.2	48.5	3
4	37.8E	32.3	29.5	25.0	62.8	168	112	78.8	68.7	87.4	64.7	47.8	4
5	37.7E	32.2	29.4	24.7	75.1	166	110	77.7	69.1	87.6	65.6	47.8	5
6	37.5E	32.2	29.1	24.6	85.3	163	107	77.7	69.7	88.3	64.6	47.7	6
7	37.4E	32.2	28.8	24.3	91.7	162	105	76.7	70.8	88.0	63.3	47.2	7
8	37.3E	32.3	28.6	24.4	95.5	161	104	75.1	73.1	87.1	62.1	46.5	8
9	37.1E	32.1	28.5	24.3	99.7	160	103	74.1	74.7	86.2	61.1	46.3	9
10	37.0E	32.4	28.1	24.3	103	159	102	72.7	76.5	85.4	61.3	46.9	10
11	36.9E	32.5	28.0	24.4	107	158	100	71.9	79.0	84.8	59.7	47.7	11
12	36.7A	32.4	28.0	24.6	110	157	99.2	71.8	82.4	84.2	59.4	47.5	12
13	36.7	32.7	27.5	24.6	114	155	98.2	71.3	83.6	83.3	59.0	47.6	13
14	36.3	32.8	27.3	24.6	117	153	97.2	70.3	84.9	82.6	58.5	47.7	14
15	35.9	32.8	27.2	24.4	121	152	95.5	69.7	87.5	81.4	58.0	47.9	15
16	35.7	32.6	27.0	24.5	126	149	93.5	68.7	89.0	80.2	57.6	48.2	16
17	35.3	32.6	26.6	24.6	129	145	91.9	68.1	90.2	78.6	56.5	48.1	17
18	34.8	32.4	26.6	24.9	132	144	90.3	68.1	91.6	77.7	56.5	48.0	18
19	34.4	32.5	26.5	24.8	135	143	90.2	68.2	92.1	77.8	55.3	47.9	19
20	34.2	32.6	26.4	24.7	138	139	90.6	68.8	93.0	77.6	54.4	47.7	20
21	33.7	32.7	26.1	24.9	141	137	89.0	69.3	93.5	77.5	54.5	46.8	21
22	33.6	32.3	26.0	25.0	144	136	87.8	69.0	93.8	76.6	53.8	46.5	22
23	33.2	32.3	25.9	25.1	147	133	88.1	68.6	93.6	76.2	52.7	47.0	23
24	33.0	31.9	25.9	25.1	148	131	87.6	66.8	92.9	76.0	52.0	46.6	24
25	32.9	31.5	26.0	25.1	152	129	87.5	65.4	93.5	75.3	51.7	46.8	25
26	32.6	31.2	26.1	25.0	154	127	87.7	65.2	93.8	74.8	51.0	46.7	26
27	32.6	31.0	26.1	25.3	158	125	87.4	64.6	92.5	73.9	50.9	46.7	27
28	32.6	30.7	25.9	25.7	160	122	87.4	64.4	92.0	73.3	50.8	46.0	28
29	32.6		26.0	26.7	164	121	87.4	65.0	91.6	72.1	50.6	46.0	29
30	32.8		26.0	28.6	166	120	86.7	65.0	90.3	71.3	50.3	46.3	30
31	32.8		26.0		167		85.0	64.9		70.6		46.3	31
TOTAL	1 095.3	902.9	848.8	750.9	3 677.5	4 420	2 999.2	2 205.6	2 500.6	2 505.0	1 737.7	1 468.3	TOTAL
MEAN	35.3	32.2	27.4	25.0	119	147	96.7	71.1	83.4	80.8	57.9	47.4	MEAN
MAX	38.2	32.8	30.1	28.6	167	169	118	83.6	93.8	90.3	69.4	50.2	MAX
MIN	32.6	30.7	25.9	24.3	36.4	120	85.0	64.4	64.9	70.6	50.3	46.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 68.8
MAXIMUM DAILY, 169 ON JUN 3
MINIMUM DAILY, 24.3 ON APR 7
MAXIMUM INSTANTANEOUS,
170 AT 22:48 CST ON JUN 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 26 40 N
LONG 104 21 40 W
DRAINAGE AREA, 7 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	94 600	JUL	259 000
FEB	78 000	AUG	191 000
MAR	73 300	SEP	216 000
APR	64 900	OCT	216 000
MAY	318 000	NOV	150 000
JUN	382 000	DEC	127 000

TOTAL DISCHARGE, 2 170 000 dam³

PORTER LAKE AT CREW CABIN - STATION NO. 06BC002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	--	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	30.195	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 56 23 30 N
LONG 107 20 40 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

PRAIRIE RIVER NEAR PRAIRIE RIVER - STATION NO. 05LB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.007B	2.68	14.5	0.142	0.085	0.509	0.763	0.257	---	1
2	---	---	0 B	0.013B	2.37	13.1	0.178	0.102	0.595	0.747	0.249A	---	2
3	---	---	0 B	0.008B	2.01	10.3	0.255	0.222	0.596	0.742	---	---	3
4	---	---	0 B	0.008B	1.69	8.01	0.279	0.280	0.548	0.733	---	---	4
5	---	---	0 B	0.002B	1.53	6.70	0.268	0.351	0.495	0.730	---	---	5
6	---	---	0 B	0.008B	1.50	6.32	0.224	0.426	0.443	0.694	---	---	6
7	---	---	0 B	0.016B	1.51	5.62	0.204	0.476	0.418	0.661	---	---	7
8	---	---	0 B	0.016B	1.35	4.71	0.170	0.527	0.420	0.637	---	---	8
9	---	---	0 B	0.002B	1.14	3.84	0.148	0.496	0.428	0.607	---	---	9
10	---	---	0 B	0.003B	1.01	3.17	0.145	0.441	0.364	0.578	---	---	10
11	---	---	0 B	0.007B	0.893	2.64	0.143	0.402	0.383	0.547	---	---	11
12	---	---	0 B	0.047B	0.710	2.17	0.125	0.447	0.390	0.538	---	---	12
13	---	---	0 B	0.013B	0.675	1.87	0.110	0.676	0.441	0.543	---	---	13
14	---	---	0 B	0.104B	0.568	1.51	0.117	0.686	0.432	0.532	---	---	14
15	---	---	0 B	0.497B	0.585	1.43	0.154	0.497	0.426	0.492	---	---	15
16	---	---	0 B	1.79 B	0.556	1.31	0.364	0.409	0.419	0.466	---	---	16
17	---	---	0 B	2.09 B	0.603	1.21	0.514	0.317	0.398	0.445	---	---	17
18	---	---	0 B	2.33 B	0.816	1.08	0.369	0.247	0.444	0.419	---	---	18
19	---	---	0 B	2.42 B	1.13	1.00	0.324	0.206	0.461	0.409	---	---	19
20	---	---	0 B	2.20 B	1.28	0.880	0.474	0.189	0.485	0.396	---	---	20
21	---	---	0 B	2.14 B	1.24	0.813	0.559	0.182	0.510	0.386	---	---	21
22	---	---	0 B	2.49 B	1.28	0.725	0.560	0.165	0.488	0.367	---	---	22
23	---	---	0 B	2.96 B	1.34	0.748	0.427	0.157	0.474	0.338	---	---	23
24	---	---	0 B	3.73	1.32	0.815	0.260	0.159	0.468	0.360	---	---	24
25	---	---	0 B	4.03	1.22	0.772	0.215	0.249	0.479	0.351	---	---	25
26	---	---	0.007B	4.42	1.02	0.816	0.169	0.312	0.483	0.331	---	---	26
27	---	---	0.039B	4.18	0.913	0.718	0.139	0.309	0.437	0.321	---	---	27
28	---	---	0.026B	3.36	0.982	0.540	0.164	0.279	0.443	0.318	---	---	28
29	---		0.028B	2.87	2.96	0.380	0.133	0.258	0.543	0.317	---	---	29
30	---		0.018B	2.71	11.1	0.253	0.103	0.251	0.715	0.323	---	---	30
31	---		0.007B		14.6		0.095	0.309		0.293		---	31
TOTAL	---	---	0.125	44.471	62.581	97.950	7.531	10.112	14.135	15.384	---	---	TOTAL
MEAN	---	---	0.004	1.48	2.02	3.27	0.243	0.326	0.471	0.496	---	---	MEAN
MAX	---	---	0.039	4.42	14.6	14.5	0.560	0.686	0.715	0.763	---	---	MAX
MIN	---	---	0	0.002	0.556	0.253	0.095	0.085	0.364	0.293	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.03
MAXIMUM DAILY, 14.6 ON MAY 31
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
15.1 AT 02:04 CST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 01 N
LONG 102 59 49 W
DRAINAGE AREA, 323 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	651
FEB	---	AUG	874
MAR	10.8	SEP 1	220
APR 3	840	OCT 1	330
MAY 5	410	NOV	---
JUN 8	460	DEC	---

TOTAL DISCHARGE, 21 800 dam³

QU'APPELLE RIVER ABOVE BUFFALO POUND LAKE - STATION NO. 05JG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.970B	0.816B	1.14 B	0.668B	1.84	2.11	0.804	0.884	2.85	3.38	2.01	1.21B	1
2	0.970B	0.814B	1.14 B	0.525B	1.05	1.57	1.29	0.902	2.94	3.46	2.05	1.23B	2
3	0.970B	0.815B	1.14 B	0.562B	0.822	0.984	1.47	1.10	3.26	3.45	1.80B	1.30B	3
4	0.971B	0.815B	1.14 B	3.04 B	0.738	0.672	1.23	1.00	3.65	3.41	1.82B	1.31B	4
5	0.972B	0.815B	1.13 B	6.91 B	1.52	0.530	1.01	0.830	3.43	3.29	1.84B	1.23B	5
6	0.973B	0.815B	1.13 B	4.09 B	0.998	0.440	1.11	0.795	3.41	3.04	1.86B	1.26B	6
7	0.974B	0.820B	1.12 B	3.71 B	1.39	0.590	1.10	1.08	3.38	2.10	1.89B	1.23B	7
8	0.978B	0.840B	1.12 B	3.58 B	0.404	0.464	0.940	1.12	3.39	2.06	1.95B	1.20B	8
9	0.976B	0.860B	1.11 B	2.23 B	0.291	0.295	1.07	0.826	3.46	2.04	1.98B	1.19B	9
10	0.975B	0.890B	1.11 B	1.40 B	0.276	0.243	1.04	0.828	3.45	1.99	1.90B	1.19B	10
11	0.974B	0.930B	1.10 B	3.87 B	0.261	0.228	1.04	0.685	3.45	2.00	1.80B	1.19B	11
12	0.974B	0.940B	1.11 B	7.17 B	0.247	0.177	0.889	0.760	3.40	2.03	1.65B	1.18B	12
13	0.920B	0.950B	1.12 B	25.9 B	0.209	0.139	0.827	0.821	3.39	2.02	1.70B	1.19B	13
14	0.650B	0.960B	1.14 B	75.6 B	0.199	0.120	0.690	0.984	3.41	2.03	2.00B	1.19B	14
15	0.860B	0.970B	1.16 B	64.0 B	0.215	0.113	0.804	1.42	3.77	2.00	2.10B	1.20B	15
16	1.00 B	0.980B	1.20 B	43.0	0.188	0.127	1.22	1.36	3.54	1.96	2.15B	1.21B	16
17	1.05 B	0.990B	1.29 B	33.5	0.171	0.099	1.37	1.35	3.48	2.04	2.21B	1.23B	17
18	1.04 B	1.20 B	1.28 B	28.1	0.195	0.115	1.21	1.06	3.45	1.98	2.23B	1.24B	18
19	1.03 B	1.18 B	1.27 B	20.7	0.205	0.105	1.01	0.748	3.43	2.00	2.22B	1.23B	19
20	1.02 B	1.17 B	0.270B	11.7	0.212	0.084	1.03	0.709	3.42	1.98	2.12B	1.23B	20
21	1.00 B	1.15 B	0.214B	7.18	0.253	0.072	0.899	0.738	3.44	2.00	1.85B	1.23B	21
22	0.980B	1.12 B	0.168B	4.85	0.315	0.066	0.871	0.831	3.48	2.01	2.00B	1.22B	22
23	0.950B	1.13 B	0.144B	8.21	0.299	0.054	1.25	0.929	3.42	2.01	1.90B	1.22B	23
24	0.930B	1.14 B	0.135B	9.07	0.271	0.040	1.55	0.872	3.41	2.01	1.60B	1.24B	24
25	0.910B	1.14 B	0.136B	11.4	0.329	0.032	1.59	2.46	3.43	1.98	1.40B	1.30B	25
26	0.900B	1.14 B	0.135B	9.40	0.246	1.81	1.28	2.49	3.43	2.18	1.34B	1.28B	26
27	0.890B	1.14 B	0.136B	7.63	0.169	3.26	1.14	2.40	3.30	2.04	1.32B	1.26B	27
28	0.880B	1.14 B	0.145B	5.84	0.418	3.32	0.927	2.31	3.53	2.02	1.31B	1.25B	28
29	0.870B		0.238B	4.21	2.81	3.11	0.943	2.54	3.75	2.03	1.31B	1.24B	29
30	0.850B		0.738B	4.04	4.43	1.52	0.820	2.53	3.48	2.02	1.30B	1.23B	30
31	0.840B		1.12 B		2.91		0.882	2.53		2.00		1.22B	31
TOTAL	29.247	27.670	25.529	412.085	23.881	22.489	33.306	39.892	102.63	70.56	54.61	38.13	TOTAL
MEAN	0.983	0.988	0.824	13.7	0.770	0.750	1.07	1.29	3.42	2.28	1.82	1.23	MEAN
MAX	1.05	1.20	1.29	75.6	4.43	3.32	1.59	2.54	3.77	3.46	2.23	1.31	MAX
MIN	0.650	0.814	0.135	0.525	0.169	0.032	0.690	0.685	2.85	1.96	1.30	1.18	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.41
MAXIMUM DAILY, 75.6B ON APR 14
MINIMUM DAILY, 0.032 ON JUN 25
MAXIMUM INSTANTANEOUS,
83.6B AT 07:30 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 00 N
LONG 105 49 31 W
DRAINAGE AREA, 2 630 km²

B - ICE CONDITIONS

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 530	JUL	2 880
FEB	2 390	AUG	3 450
MAR	2 210	SEP	8 870
APR	35 600	OCT	6 100
MAY	2 060	NOV	4 720
JUN	1 940	DEC	3 290

TOTAL DISCHARGE, 76 000 dam³

QU'APPELLE RIVER AT HYDE - STATION NO. 05JM013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.568B	3.48B	18.5	25.8	2.23	2.60E	2.65	3.87	6.63	---	1
2	---	---	0.568B	2.96B	19.7	25.0	2.04	2.40E	2.53	4.35	6.59	---	2
3	---	---	0.568B	2.49B	20.9	24.3	1.82	2.20E	2.54	4.51	6.25A	---	3
4	---	---	0.568B	1.89B	22.0	23.6	1.57	2.12A	2.74	4.55	---	---	4
5	---	---	0.550B	1.54B	23.2	22.7	1.41	2.09	2.71	4.74	---	---	5
6	---	---	0.516B	1.71B	24.5	21.7	1.42	2.14	2.56	5.42	---	---	6
7	---	---	0.478B	1.77B	25.9	20.9	1.44	2.18	2.57	10.9	---	---	7
8	---	---	0.479B	1.75B	27.1	20.3	1.30	2.07	2.53	14.3	---	---	8
9	---	---	0.468B	1.86B	28.3	19.8	1.25	2.17	2.54	12.6	---	---	9
10	---	---	0.488B	2.03B	29.4	18.7	1.31	2.52	2.64	10.0	---	---	10
11	---	---	0.502B	3.40B	30.1	17.4	1.20	2.41	2.96	7.28	---	---	11
12	---	---	0.492B	6.42B	30.6	16.1	1.05	2.09	3.49	5.81	---	---	12
13	---	---	0.501B	14.3 B	31.3	13.8	0.935	1.88	3.59	5.54	---	---	13
14	---	---	0.490B	27.5 B	31.7	11.6	0.891	1.62	3.44	5.77	---	---	14
15	---	---	0.507B	46.0 B	31.9	9.88	0.877	1.44	3.24	7.60	---	---	15
16	---	---	0.521B	91.4	32.1	8.46	0.919A	1.58	3.10	8.64	---	---	16
17	---	---	0.480B	96.8	32.2	7.23	3.00 E	1.72	2.85	8.74	---	---	17
18	---	---	0.470B	77.1	32.0	6.49	9.95 A	1.99	2.64	8.79	---	---	18
19	---	---	0.480B	64.2	31.8	5.82	13.1	2.01	2.58	8.84	---	---	19
20	---	---	0.507B	55.8	31.5	5.04	8.51	2.04	2.51	8.83	---	---	20
21	---	---	0.535B	48.7	31.1	4.72	5.36	2.98	2.53	8.84	---	---	21
22	---	---	0.565B	41.1	30.6	4.44	3.96	3.27	2.48	8.83	---	---	22
23	---	---	0.607B	32.8	30.2	3.70	3.38	3.20	2.52	8.83	---	---	23
24	---	---	0.652B	25.9	29.7	3.23	4.56	3.20	2.93	8.90	---	---	24
25	---	---	0.697B	22.1	29.3	3.02	6.46	3.38	3.05	8.91	---	---	25
26	---	---	0.768B	20.2	28.8	3.25	5.66	3.53	3.13	8.85	---	---	26
27	---	---	0.870B	19.1	28.3	2.99	4.14	3.56	2.97	8.61	---	---	27
28	---	---	0.936B	18.0	27.8	2.82	3.51	3.49	3.13	7.39	---	---	28
29	---		1.06 B	17.7	27.5	2.66	3.36	3.31	3.18	6.75	---	---	29
30	---		1.62 B	17.8	27.2	2.45	3.17 A	2.91	3.28	6.66	---	---	30
31	---		3.01 B		26.7		2.80 E	2.53		6.63		---	31
TOTAL	---	---	21.521	767.80	871.9	357.90	102.582	76.63	85.61	240.28	---	---	TOTAL
MEAN	---	---	0.694	25.6	28.1	11.9	3.31	2.47	2.85	7.75	---	---	MEAN
MAX	---	---	3.01	96.8	32.2	25.8	13.1	3.56	3.59	14.3	---	---	MAX
MIN	---	---	0.468	1.54	18.5	2.45	0.877	1.44	2.48	3.87	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 96.8 ON APR 17
MINIMUM DAILY, 0.468B ON MAR 9
MAXIMUM INSTANTANEOUS,
109 AT 18:29 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 29 N
LONG 102 55 03 W
DRAINAGE AREA, 44 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 860
FEB	---	AUG	6 620
MAR	1 860	SEP	7 400
APR	66 300	OCT	20 800
MAY	75 300	NOV	---
JUN	30 900	DEC	---

TOTAL DISCHARGE, 218 000 dam³

QU'APPELLE RIVER BELOW CRAVEN DAM - STATION NO. 05JK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.55 B	0.842B	0.990B	2.71B	34.0	1.69	3.26	3.50	3.27	4.71	12.7	8.26B	1
2	1.41 B	0.844B	1.02 B	2.72B	30.6	2.26	3.35	3.40	3.57	4.75	13.3	8.40B	2
3	1.37 B	0.846B	1.07 B	2.35B	28.2	2.25	3.37	3.34	3.53	4.75	13.0	8.23B	3
4	1.54 B	0.850B	1.08 B	2.01B	27.0	2.29	3.38	3.28	3.59	6.71	12.2	8.33B	4
5	1.52 B	0.855B	1.13 B	1.99B	25.5	2.54	3.46	3.26	3.54	8.02	11.2	8.22B	5
6	1.50 B	0.860B	1.16 B	3.19B	25.1	2.76	3.64	3.20	3.56	7.71	12.1	8.16B	6
7	1.49 B	0.865B	1.16 B	6.37B	23.0	3.06	3.56	3.23	3.50	8.04	12.5	8.13B	7
8	1.47 B	0.870B	1.16 B	5.49B	21.9	3.03	3.67	3.16	3.53	9.00	12.0	7.93B	8
9	1.45 B	0.880B	1.11 B	4.05B	21.2	2.83	3.73	3.12	3.56	9.46	11.6	7.86B	9
10	1.41 B	0.900B	1.07 B	2.69B	21.5	2.80	3.71	3.08	3.58	8.84	11.7	7.89B	10
11	1.37 B	0.905B	0.985B	2.18B	21.2	2.76	3.79	3.16	3.54	8.62	11.0 B	7.68B	11
12	1.32 B	0.910B	1.04 B	2.41B	20.5	2.73	3.85	3.38	3.45	8.67	9.60B	7.70B	12
13	1.35 B	0.920B	1.11 B	4.65B	20.6	2.75	3.82	3.36	3.47	8.72	9.90B	7.74B	13
14	1.37 B	0.940B	1.14 B	19.5 B	20.0	2.84	3.88	3.36	3.46	9.23	9.80B	7.59B	14
15	1.40 B	0.955B	1.18 B	39.7 B	18.8	2.90	3.88	3.36	3.60	9.35	9.60B	7.43B	15
16	1.42 B	0.965B	1.15 B	42.9 B	18.7	2.86	3.81	3.30	3.69	9.16	9.25B	7.23B	16
17	1.45 B	0.980B	1.15 B	50.4 B	17.6	2.82	3.74	3.28	3.63	9.60	9.14B	7.36B	17
18	1.48 B	0.982B	1.17 B	46.7	8.78	2.94	3.64	3.27	3.63	10.8	9.15B	7.40B	18
19	1.51 B	0.977B	1.15 B	45.4	1.72	3.12	3.75	3.25	3.63	13.3	9.12B	7.38B	19
20	1.35 B	0.970B	1.15 B	48.6	1.21	2.95	3.62	3.23	3.61	13.0	9.10B	7.33B	20
21	1.00 B	0.965B	1.14 B	56.5	1.08	2.79	3.42	3.25	3.52	12.7	9.00B	7.46B	21
22	0.900B	0.960B	1.12 B	62.1	1.01	2.76	3.42	3.26	3.51	12.5	9.10B	7.43B	22
23	0.840B	0.950B	1.06 B	58.1	0.957	2.98	3.56	3.24	3.52	12.7	9.20B	7.35B	23
24	0.820B	0.945B	0.825B	54.8	0.922	3.01	3.60	3.21	3.45	12.9	9.21B	7.32B	24
25	0.825B	0.940B	0.560B	50.9	0.838	3.08	3.57	3.18	3.41	12.5	8.93B	7.13B	25
26	0.828B	0.950B	0.446B	47.5	0.823	3.09	3.65	3.20	3.43	12.5	8.64B	7.17B	26
27	0.830B	0.960B	0.440B	44.9	0.854	3.10	3.66	3.12	4.14	13.2	8.38B	7.21B	27
28	0.832B	0.970B	0.537B	42.8	1.27	3.12	3.63	3.03	4.85	13.8	8.35B	7.13B	28
29	0.835B		0.731B	40.6	1.45	3.19	3.64	3.08	4.90	13.9	8.23B	7.06B	29
30	0.838B		2.09 B	37.6	1.36	3.31	3.55	3.03	4.82	13.0	8.25B	6.97B	30
31	0.840B		2.96 B		1.28		3.52	3.07		12.6		6.92B	31
TOTAL	38.118	25.756	34.084	831.81	418.954	84.61	112.13	100.19	110.49	314.74	305.25	235.40	TOTAL
MEAN	1.23	0.920	1.10	27.7	13.5	2.82	3.62	3.23	3.68	10.2	10.2	7.59	MEAN
MAX	1.55	0.982	2.96	62.1	34.0	3.31	3.88	3.50	4.90	13.9	13.3	8.40	MAX
MIN	0.820	0.842	0.440	1.99	0.823	1.69	3.26	3.03	3.27	4.71	8.23	6.92	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.15
MAXIMUM DAILY, 62.1 ON APR 22
MINIMUM DAILY, 0.440B ON MAR 27
MAXIMUM INSTANTANEOUS,
63.0 AT 14:49 CST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 20 N
LONG 104 47 50 W
DRAINAGE AREA, 33 600 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 290	JUL	9 690
FEB	2 230	AUG	8 660
MAR	2 940	SEP	9 550
APR	71 900	OCT	27 200
MAY	36 200	NOV	26 400
JUN	7 310	DEC	20 300

TOTAL DISCHARGE, 226 000 dam³

QU'APPELLE RIVER BELOW KATEPWA LAKE - STATION NO. 05JL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.70 B	0.841B	0.580B	1.40B	22.0	22.2	1.52	1.28	2.87	4.16	5.14	7.37B	1
2	1.78 B	0.872B	0.605B	1.45B	23.8	21.4	1.53	1.44	2.74	4.39	3.41	7.67B	2
3	1.77 B	0.829B	0.620B	1.52B	25.9	20.1	1.71	1.66	2.61	4.51	3.62	7.59B	3
4	1.74 B	0.783B	0.627B	1.60B	28.4	19.3	1.49	1.80	2.66	9.29	3.97	7.20B	4
5	1.73 B	0.744B	0.634B	1.66B	29.4	18.6	1.38	1.70	2.53	20.2	3.48	7.37B	5
6	1.68 B	0.732B	0.639B	1.76B	31.4	18.3	1.60	1.94	2.57	16.0	3.37	7.54B	6
7	1.71 B	0.691B	0.640B	1.84B	31.8	17.2	1.28	2.76	2.65	9.75	4.46	7.56B	7
8	1.64 B	0.674B	0.650B	1.95B	32.1	15.7	0.981	2.45	3.01	8.01	5.10	7.78B	8
9	1.65 B	0.671B	0.660B	2.10B	32.7	15.0	0.900	1.84	3.74	5.09	5.68	7.39B	9
10	1.61 B	0.660B	0.670B	2.25B	33.6	13.0	0.868	1.42	3.76	5.11	6.30	7.41B	10
11	1.58 B	0.649B	0.680B	2.50B	33.5	10.4	0.892	1.11	3.52	5.22	7.27	7.64B	11
12	1.52 B	0.637B	0.690B	2.75B	33.4	8.32	0.750	1.25	3.26	6.52	7.17	7.52B	12
13	1.45 B	0.626B	0.700B	5.54	33.3	7.09	0.612	1.46	3.04	8.55	7.16	7.46B	13
14	1.38 B	0.615B	0.720B	10.0	32.9	6.12A	0.818	1.62	2.69	8.54	6.85	7.50B	14
15	1.30 B	0.603B	0.740B	22.2	32.4	5.46A	0.700	1.87	2.45	8.55	5.90	7.57B	15
16	1.27 B	0.592B	0.760B	25.0	31.8	5.58	0.736	1.75	2.41	8.73	5.94	7.58B	16
17	1.20 B	0.581B	0.780B	25.4 A	31.4	4.82	2.18	1.76	2.31	8.46	6.54	7.36B	17
18	1.24 B	0.573B	0.800B	24.2 E	30.8	4.41	1.70	3.64	2.39	8.46	6.80	7.33B	18
19	1.10 B	0.566B	0.823B	22.4 A	30.4	4.75	1.17	3.61	2.18	8.35	6.89	7.37B	19
20	1.01 B	0.560B	0.840B	20.0	29.7	3.92	1.17	3.42	2.43	8.37	7.69B	7.38B	20
21	0.980B	0.557B	0.870B	18.4	29.1	3.47	1.30	3.33	2.85	8.35	7.70B	7.42B	21
22	0.964B	0.555B	0.900B	17.0	28.7	3.18	1.46 A	3.09	2.91	8.42	8.10B	7.45B	22
23	0.947B	0.553B	0.950B	16.2 A	28.1	3.35	1.71	3.74	2.99	8.34	7.72B	7.45B	23
24	0.931B	0.551B	1.00 B	15.6 E	27.5	3.07	1.37	3.77	2.76	8.29	7.68B	7.45B	24
25	0.915B	0.550B	1.05 B	15.0 A	27.0	2.77	1.35	3.79	2.65	7.49	7.59B	7.45B	25
26	0.898B	0.555B	1.10 B	14.7	26.4	2.60	1.39	3.64	2.71	6.22	7.66B	7.45B	26
27	0.882B	0.562B	1.15 B	15.1	25.9	2.39	1.53	2.96	2.68	6.20	7.81B	7.45B	27
28	0.868B	0.570B	1.20 B	16.3	25.2	2.20	1.67	2.52	3.48	6.18	7.83B	7.45B	28
29	0.856B		1.25 B	18.0	24.1	2.01	1.67	2.74	3.96	6.12	7.64B	7.45B	29
30	0.875B		1.29 B	20.0	23.3	1.82	1.38	2.54	4.23	6.12	7.43B	7.45B	30
31	0.814B		1.32 B		22.6		1.52	2.58		6.16		7.45B	31
TOTAL	39.990	17.952	25.938	343.82	898.6	268.53	39.937	74.88	87.04	244.15	189.90	231.51	TOTAL
MEAN	1.29	0.641	0.837	11.5	29.0	8.95	1.29	2.42	2.90	7.88	6.33	7.47	MEAN
MAX	1.78	0.872	1.32	25.4	33.6	22.2	2.18	3.79	4.23	20.2	8.10	7.78	MAX
MIN	0.814	0.550	0.580	1.40	22.0	1.82	0.818	1.11	2.18	6.16	3.37	7.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.75
MAXIMUM DAILY, 33.6 ON MAY 10
MINIMUM DAILY, 0.818 ON JUL 14
MAXIMUM INSTANTANEOUS,
33.8 AT 12:03 CST ON MAY 10

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 41 N
LONG 103 36 02 W
DRAINAGE AREA, 40 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 460	JUL	3 450
FEB	1 550	AUG	6 470
MAR	2 240	SEP	7 520
APR	29 700	OCT	21 100
MAY	77 600	NOV	16 400
JUN	23 200	DEC	20 000

TOTAL DISCHARGE, 213 000 dam³

QU'APPELLE RIVER BELOW LOON CREEK - STATION NO. 05JK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.06 B	0.559B	0.952B	1.82 B	44.9	6.30	3.35	3.07	3.07	4.70	7.97	6.33B	1
2	1.13 B	0.738B	1.03 B	1.31 B	41.3	5.57	3.54	3.12	3.02	4.74	8.02	6.44B	2
3	1.18 B	0.857B	1.10 B	0.940B	40.8	4.95	3.52	3.11	3.11	4.78	8.00B	6.51B	3
4	1.26 B	0.927B	1.08 B	0.730B	41.1	4.82	3.46	3.12	3.31	4.78	8.00B	6.51B	4
5	1.27 B	0.951B	1.03 B	0.681B	37.9	4.66	3.39	3.11	3.42	4.77	8.00B	6.49B	5
6	1.21 B	0.989B	1.01 B	0.806B	34.3	4.54	3.41	3.17	3.52	5.29	8.00B	6.47B	6
7	1.20 B	0.999B	1.03 B	1.02 B	30.0	4.34	3.45	3.06	3.45	6.40	8.00B	6.45B	7
8	1.18 B	0.906B	1.00 B	1.45 B	26.8	4.16	3.59	2.91	3.44	6.86	8.00B	6.46B	8
9	1.09 B	0.840B	1.02 B	1.77 B	25.0	4.13	3.64	2.89	3.38	7.07	8.00B	6.54B	9
10	0.906B	0.858B	1.07 B	1.78 B	24.4	4.04	3.64	2.91	3.30	7.24	8.00B	6.52B	10
11	0.843B	0.905B	1.08 B	2.61 B	24.3	3.91	3.65	2.86	3.24	7.38	8.21B	6.50B	11
12	0.846B	0.953B	1.12 B	4.24 B	23.1	3.74	3.62	2.90	3.21	7.42	6.15B	6.59B	12
13	0.854B	1.01 B	1.06 B	4.73 B	22.2	3.60	3.62	2.91	3.18	7.40	6.48B	6.61B	13
14	0.786B	1.02 B	0.985B	8.21 B	22.1	3.50	3.69	3.08	3.11	7.44	7.04B	6.61B	14
15	0.794B	0.982B	0.924B	16.0 B	21.2	3.44	3.71	3.14	3.17	7.51	7.94B	6.61B	15
16	0.810B	0.883B	0.873B	14.5 B	20.7	3.54	3.69	3.16	3.18	7.60	8.44B	6.62B	16
17	0.906B	0.809B	0.877B	9.98	20.9	3.65	3.93	3.19	3.20	7.70	8.21B	6.66B	17
18	1.02 B	0.786B	0.889B	9.14	20.8	3.65	3.85	3.24	3.28	7.74	8.04B	6.59B	18
19	1.02 B	0.715B	0.904B	10.5	20.1	3.61	3.69	3.21	3.26	7.76	8.04B	6.58B	19
20	0.996B	0.623B	0.927B	12.4	19.5	3.60	3.48	3.19	3.25	7.81	7.67B	6.56B	20
21	1.00 B	0.505B	0.963B	15.5	18.8	3.62	3.35	3.16	3.28	7.85	6.45B	6.52B	21
22	1.07 B	0.484B	0.963B	21.2	16.9	3.53	3.44	3.14	3.32	7.85	6.03B	6.56B	22
23	1.14 B	0.505B	0.998B	33.4	14.7	3.40	3.41	3.14	3.32	7.85	6.08B	6.60B	23
24	1.14 B	0.489B	1.04 B	45.5	12.6	3.29	3.21	3.12	3.24	7.86	6.43B	6.59B	24
25	1.13 B	0.543B	1.09 B	50.6	10.6	3.30	3.06	3.09	3.18	7.82	6.44B	6.59B	25
26	1.06 B	0.662B	1.12 B	50.1	8.96	3.32	3.06	3.08	3.17	7.79	6.29B	6.61B	26
27	1.06 B	0.760B	1.12 B	50.9	7.60	3.34	3.08	3.07	3.01	7.82	6.23B	6.58B	27
28	0.891B	0.903B	1.13 B	50.1	7.23	3.30	3.09	3.13	3.24	7.86	6.24B	6.55B	28
29	0.529B		1.26 B	48.7	7.83	3.35	3.11	3.10	3.61	7.89	6.28B	6.59B	29
30	0.357B		1.89 B	47.9	7.29	3.31	3.11	3.00	4.30	7.88	6.32B	6.60B	30
31	0.398B		2.47 B		6.97		3.11	3.03		7.92		6.60B	31
TOTAL	30.136	22.161	33.985	518.526	680.48	117.51	106.95	95.41	98.77	218.78	219.00	203.04	TOTAL
MEAN	0.972	0.791	1.10	17.3	22.0	3.92	3.45	3.08	3.29	7.06	7.30	6.55	MEAN
MAX	1.27	1.02	2.47	50.9	44.9	6.30	3.93	3.24	4.30	7.92	8.44	6.66	MAX
MIN	0.357	0.484	0.873	0.681	6.97	3.29	3.06	2.86	3.01	4.70	6.03	6.33	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.42
MAXIMUM DAILY, 50.9 ON APR 27
MINIMUM DAILY, 0.357B ON JAN 30
MAXIMUM INSTANTANEOUS,
51.0 AT 21:50 CST ON APR 25

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 11 N
LONG 104 17 21 W
DRAINAGE AREA, 36 500 km²
B - ICE CONDITIONS
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 600	JUL	9 240
FEB	1 910	AUG	8 240
MAR	2 940	SEP	8 530
APR	44 800	OCT	18 900
MAY	58 800	NOV	18 900
JUN	10 200	DEC	17 500

TOTAL DISCHARGE, 203 000 dam³

QU'APPELLE RIVER BELOW MOOSE JAW RIVER - STATION NO. 05JG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.825B	0.602B	0.626B	2.57 B	39.7	11.6	2.69	5.92	1.64	1.09	0.762	0.605B	1
2	0.820B	0.601B	0.630B	2.65 B	37.3	9.15	2.78	5.39	1.61	1.08	0.755	0.600B	2
3	0.815B	0.600B	0.632B	2.95 B	34.3	8.94	2.79	4.62	1.60	1.06	0.703B	0.590B	3
4	0.810B	0.598B	0.640B	4.37 B	31.3	9.57	2.85	3.93	1.59	1.04	0.316B	0.580B	4
5	0.805B	0.595B	0.641B	4.07 B	29.4	10.4	2.62	2.85	1.58	1.05	0.158B	0.575B	5
6	0.800B	0.590B	0.642B	2.54 B	34.0	10.8	2.57	2.75	1.59	1.06	0.146B	0.570B	6
7	0.795B	0.580B	0.644B	2.11 B	31.2	10.5	2.50	3.14	1.58	1.18	0.142B	0.562B	7
8	0.790B	0.570B	0.650B	1.87 B	35.2	10.4	2.48	2.93	1.52	1.20	0.132B	0.560B	8
9	0.785B	0.560B	0.655B	1.42 B	34.0	9.14	2.49	2.73	0.984	1.18	0.125B	0.563B	9
10	0.780B	0.545B	0.660B	0.908B	32.5	7.77	2.50	2.58	0.942	1.01	0.134B	0.568B	10
11	0.775B	0.535B	0.662B	1.66 B	30.3	6.83	2.50	2.44	0.924	1.14	0.118B	0.570B	11
12	0.770B	0.525B	0.665B	6.40 B	27.2	6.60	2.52	2.30	0.901	1.16	0.120B	0.580B	12
13	0.760B	0.515B	0.680B	33.1 B	20.6	6.06	2.52	1.81	0.903	1.18	0.130B	0.590B	13
14	0.755B	0.505B	0.720B	58.2 B	8.26	5.63	2.44	1.78	0.914	1.14	0.147B	0.600B	14
15	0.750B	0.500B	0.800B	61.4 B	6.65	5.35	2.49	1.71	0.898	1.09	0.139B	0.615B	15
16	0.740B	0.496B	0.760B	54.6 B	5.88	5.18	2.51	1.63	0.889	1.04	0.137B	0.620B	16
17	0.735B	0.492B	0.725B	51.1	5.06	5.00	2.52	1.62	0.893	1.02	0.130B	0.610B	17
18	0.730B	0.500B	0.700B	75.9	4.33	4.70	2.32	1.81	0.901	1.00	0.128B	0.605B	18
19	0.720B	0.530B	0.560B	109	4.02	4.46	2.34	1.76	0.910	1.00	0.119B	0.615B	19
20	0.710B	0.600B	0.440B	111	3.83	4.22	2.33	1.77	0.923	1.06	0.102B	0.625B	20
21	0.700B	0.620B	0.445B	107	3.67	3.95	2.25	1.70	0.920	1.33	0.103B	0.620B	21
22	0.690B	0.580B	0.455B	91.9	3.58	3.32	2.27	1.70	0.905	1.05	0.110B	0.617B	22
23	0.680B	0.660B	2.15 B	78.6	3.38	3.23	2.30	1.64	0.946	1.11	0.134B	0.610B	23
24	0.660B	0.645B	2.77 B	71.9	3.20	3.15	2.55	1.61	0.941	1.11	0.149B	0.608B	24
25	0.650B	0.640B	1.68 B	67.9	2.8[illegible]	3.02	11.0	1.58	1.05	1.08	1.38 B	0.600B	25
26	0.640B	0.630B	1.80 B	63.3	2.44	2.93	14.7	1.64	0.963	1.02	2.75 B	0.605B	26
27	0.625B	0.625B	1.57 B	58.7	2.26	2.92	15.9	1.69	0.931	0.980	1.76 B	0.585B	27
28	0.610B	0.622B	0.895B	51.8	2.74	2.86	15.4	1.65	1.06	0.923	1.21 B	0.600B	28
29	0.606B		1.06 B	44.0	7.55	2.84	13.7	1.66	1.06	0.859	0.871B	0.610B	29
30	0.605B		1.23 B	40.1	11.3	2.76	11.2	1.64	1.04	0.803	0.609B	0.615B	30
31	0.604B		1.18 B		13.4		7.15	1.63		0.773		0.618B	31
TOTAL	22.540	16.061	28.167	1 263.018	511.43	183.26	149.18	73.61	33.508	32.818	13.719	18.491	TOTAL
MEAN	0.727	0.574	0.909	42.1	16.5	6.11	4.81	2.37	1.12	1.06	0.457	0.596	MEAN
MAX	0.825	0.660	2.77	111	39.7	11.6	15.9	5.92	1.64	1.33	2.75	0.625	MAX
MIN	0.604	0.492	0.440	0.908	2.26	2.76	2.25	1.58	0.889	0.773	0.102	0.560	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.43
MAXIMUM DAILY, 111 ON APR 20
MINIMUM DAILY, 0.102B ON NOV 20
MAXIMUM INSTANTANEOUS,
114 AT 23:13 CST ON APR 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 34 40 N
LONG 105 16 00 W
DRAINAGE AREA, 12 700 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 950	JUL	12 900
FEB	1 390	AUG	6 360
MAR	2 430	SEP	2 900
APR	109 000	OCT	2 840
MAY	44 200	NOV	1 190
JUN	15 800	DEC	1 600

TOTAL DISCHARGE, 203 000 dam³

QU'APPELLE RIVER NEAR LUMSDEN - STATION NO. 05JF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.23 B	0.913B	1.07 B	1.58B	93.0	18.1	3.74	9.82	2.50	2.87	1.63	0.777B	1
2	1.23 B	0.909B	1.09 B	1.51B	78.8	15.3	3.83	7.74	2.50	2.50	1.64	0.840B	2
3	1.24 B	0.896B	1.10 B	1.40B	69.7	12.1	4.34	6.92	2.77	2.38	1.50 B	0.900B	3
4	1.24 B	0.880B	1.10 B	1.64B	62.8	11.2	5.44	5.93	2.68	2.62	1.40 B	0.900B	4
5	1.24 B	0.886B	1.08 B	4.64B	56.6	11.7	4.32	5.12	2.38	2.26	1.30 B	0.870B	5
6	1.23 B	0.876B	1.07 B	8.32B	50.4	12.4	3.95	4.32	2.41	1.91	1.20 B	0.890B	6
7	1.22 B	0.868B	1.09 B	7.39B	47.1	12.5	3.73	4.44	2.29	1.77	1.13 B	0.920B	7
8	1.20 B	0.878B	1.11 B	5.49B	44.6	11.9	3.52	4.76	2.31	1.75	1.06 B	0.940B	8
9	1.18 B	0.887B	1.13 B	4.01B	41.1	11.7	3.38	4.55	2.27	1.76	1.00 B	0.930B	9
10	1.16 B	0.888B	1.13 B	2.93B	41.6	10.7	3.43	4.14	1.93	1.62	1.04 B	0.925B	10
11	1.14 B	0.907B	1.16 B	2.67B	42.1	9.38	3.33	3.88	1.85	1.58	1.06 B	0.923B	11
12	1.12 B	0.942B	1.16 B	2.55B	39.6	8.48	3.26	3.96	1.82	1.54	0.930B	0.922B	12
13	1.13 B	0.948B	1.17 B	5.61B	37.0	8.15	3.22	3.83	1.87	1.62	0.940B	0.920B	13
14	1.19 B	0.928B	1.19 B	25.7 B	28.0	7.77	3.02	3.23	1.77	2.04	0.950B	0.918B	14
15	1.25 B	0.959B	1.18 B	46.6 B	16.0	7.31	3.02	2.95	1.68	2.08	0.960B	0.900B	15
16	1.33 B	0.973B	1.15 B	80.7 B	12.7	7.19	3.12	2.66	1.78	1.94	0.960B	0.860B	16
17	1.40 B	0.958B	1.16 B	105 B	11.2	6.69	3.86	2.54	1.77	2.00	0.950B	1.00 B	17
18	1.46 B	0.946B	1.16 B	133	9.93	6.77	7.88	2.77	1.84	2.03	0.945B	1.16 B	18
19	1.50 B	0.909B	1.18 B	147	8.51	6.61	6.75	2.87	1.82	1.98	0.920B	1.18 B	19
20	1.20 B	0.896B	1.18 B	185	7.53	6.10	4.13	3.77	1.75	1.79	0.900B	1.19 B	20
21	0.900B	0.881B	1.18 B	210	7.14	5.67	3.47	3.06	1.66	1.70	0.860B	1.20 B	21
22	0.800B	0.902B	1.13 B	204	6.75	5.32	3.32	2.87	1.67	2.14	0.840B	1.18 B	22
23	0.780B	0.925B	0.898B	190	6.20	4.95	4.02	2.78	1.79	2.22	0.820B	1.18 B	23
24	0.790B	0.935B	0.560B	179	5.81	4.55	7.01	3.11	1.67	2.17	0.800B	1.18 B	24
25	0.800B	0.968B	0.482B	160	5.77	4.38	4.48	2.93	1.56	2.13	0.780B	1.18 B	25
26	0.828B	0.991B	0.485B	145	5.25	4.29	8.80	2.71	1.50	1.99	0.770B	1.19 B	26
27	0.832B	1.02 B	0.560B	132	4.91	4.17	13.2	2.48	1.40	1.93	0.760B	1.19 B	27
28	0.838B	1.04 B	0.685B	126	5.14	4.12	15.5	2.41	1.59	1.96	0.755B	1.19 B	28
29	0.858B		1.49 B	120	8.77	4.03	16.0	2.52	2.29	1.90	0.760B	1.19 B	29
30	0.890B		2.48 B	110	16.3	3.95	14.7	2.42	3.17	1.70	0.765B	1.20 B	30
31	0.919B		1.94 B		17.0		12.7	2.41		1.70		1.20 B	31
TOTAL	34.125	25.905	34.550	2 348.74	887.31	247.48	184.47	119.90	60.29	61.58	30.325	31.945	TOTAL
MEAN	1.10	0.925	1.11	78.3	28.6	8.25	5.95	3.87	2.01	1.99	1.01	1.03	MEAN
MAX	1.50	1.04	2.48	210	93.0	18.1	16.0	9.82	3.17	2.87	1.64	1.20	MAX
MIN	0.780	0.868	0.482	1.40	4.91	3.95	3.02	2.41	1.40	1.54	0.755	0.777	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 210 ON APR 21
MINIMUM DAILY, 0.482B ON MAR 25
MAXIMUM INSTANTANEOUS,
219 AT 16:31 CST ON APR 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 16 N
LONG 104 51 06 W
DRAINAGE AREA, 18 200 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 950	JUL	15 900
FEB	2 240	AUG	10 400
MAR	2 990	SEP	5 210
APR	203 000	OCT	5 320
MAY	76 700	NOV	2 620
JUN	21 400	DEC	2 760

TOTAL DISCHARGE, 351 000 dam³

QU'APPELLE RIVER NEAR WELBY - STATION NO. 05JM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.44B	1.03 B	1.14B	4.46B	31.1	28.0	4.64	4.83	1.88	4.76	9.32	6.15B	1
2	2.39B	1.03 B	1.15B	6.15B	31.9	28.1	4.53	4.67	1.84	4.97	8.17	6.17B	2
3	2.33B	1.03 B	1.16B	5.82B	32.2	28.1	4.37	4.50	1.83	4.93	7.28	6.08B	3
4	2.33B	1.03 B	1.18B	4.61B	32.1	27.9	4.15	4.32	1.80	4.95	7.26B	6.15B	4
5	2.31B	1.01 B	1.23B	3.73B	31.7	27.6	4.07	4.19	1.77	4.92	8.89B	6.25B	5
6	2.23B	1.01 B	1.27B	3.08B	31.1	27.3	3.91	4.13	1.74	4.86	11.8 B	6.26B	6
7	2.16B	1.02 B	1.33B	2.79B	30.3	27.0	3.75	3.99	1.77	4.98	13.7 B	6.02B	7
8	2.07B	1.00 B	1.37B	2.73B	29.4	26.8	3.70	3.94	1.78	6.64	13.4 B	5.66B	8
9	1.98B	0.993B	1.42B	2.91B	28.4	26.5	3.55	4.06	1.78	7.36	13.8 B	5.31B	9
10	1.91B	1.01 B	1.63B	3.03B	27.9	26.2	3.40	3.81	1.77	7.35	12.7 B	4.95B	10
11	1.83B	1.02 B	1.43B	2.96B	27.3	25.7	3.30	3.43	1.82	7.19	12.2 B	5.18B	11
12	1.73B	1.03 B	1.45B	4.87B	26.8	25.2	3.21	3.32	1.84	7.21	8.68B	5.56B	12
13	1.63B	1.03 B	1.40B	12.3 B	26.3	24.7	3.09	3.23	1.92	7.26	7.58B	5.55B	13
14	1.56B	1.04 B	1.30B	20.9 B	25.8	24.1	2.93	3.14	2.00	7.56	7.17B	5.57B	14
15	1.44B	1.04 B	1.25B	29.9 B	25.5	23.3	2.85	3.14	1.99	9.01	7.44B	5.68B	15
16	1.35B	1.05 B	1.25B	40.2 B	25.5	21.0	2.72	3.72	2.02	9.85	7.06B	5.82B	16
17	1.25B	1.06 B	1.23B	26.1	25.6	12.8	2.61	3.82	1.99	10.2	7.74B	5.95B	17
18	1.20B	1.15 B	1.25B	16.0	25.9	7.70	2.75	3.62	1.99	10.2	8.90B	5.98B	18
19	1.16B	1.18 B	1.31B	12.7	26.0	5.98	2.98	3.39	1.97	10.1	9.21B	6.11B	19
20	1.14B	1.16 B	1.41B	12.4	26.2	5.00	2.90	3.48	1.97	10.1	8.85B	6.27B	20
21	1.12B	1.15 B	1.55B	11.8	26.5	4.45	2.64	3.31	2.05	9.93	7.19B	6.44B	21
22	1.11B	1.08 B	1.72B	13.4	26.7	4.22	2.73	3.08	1.98	9.98	5.57B	6.56B	22
23	1.10B	1.05 B	1.94B	15.2	26.9	4.11	3.40	2.88	2.00	10.2	3.64B	6.66B	23
24	1.04B	1.03 B	2.15B	17.3	27.2	4.10	4.03	2.77	2.05	10.4	3.22B	6.67B	24
25	1.02B	1.08 B	2.39B	19.4	27.5	4.21	4.36	2.66	2.14	10.5	3.69B	6.77B	25
26	1.01B	1.11 B	2.87B	21.6	27.7	4.46	4.73	2.55	2.27	10.6	4.86B	6.95B	26
27	1.03B	1.14 B	2.21B	23.7	27.8	4.58	5.05	2.46	2.26	10.6	6.11B	7.03B	27
28	1.02B	1.16 B	2.08B	25.6	27.8	4.63	5.14	2.33	2.42	10.7	6.61B	7.04B	28
29	1.02B		2.14B	27.6	27.8	4.71	5.12	2.20	2.61	10.8	6.60B	7.08B	29
30	1.02B		2.53B	29.5	27.9	4.70	5.08	2.03	3.83	10.7	6.33B	7.17B	30
31	1.02B		3.47B		27.9		5.08	1.90		10.4		7.27B	31
TOTAL	47.95	29.723	50.61	422.74	868.7	493.11	116.77	104.90	61.08	259.21	244.97	192.31	TOTAL
MEAN	1.55	1.06	1.63	14.1	28.0	16.4	3.77	3.38	2.04	8.36	8.17	6.20	MEAN
MAX	2.44	1.18	3.47	40.2	32.2	28.1	5.14	4.83	3.83	10.8	13.8	7.27	MAX
MIN	1.01	0.993	1.14	2.73	25.5	4.10	2.61	1.90	1.74	4.76	3.22	4.95	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.92
MAXIMUM DAILY, 40.2B ON APR 16
MINIMUM DAILY, 0.993B ON FEB 9
MAXIMUM INSTANTANEOUS,
44.6B AT 15:56 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 28 N
LONG 101 33 28 W
DRAINAGE AREA, 50 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 140	JUL	10 100
FEB	2 570	AUG	9 060
MAR	4 370	SEP	5 280
APR	36 500	OCT	22 400
MAY	75 100	NOV	21 200
JUN	42 600	DEC	16 600

TOTAL DISCHARGE, 250 000 dam³

QUILL CREEK NEAR QUILL LAKE - STATION NO. 05MA020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0	0.137	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0.144	0	0	0	0	---	---	6
7	---	---	0B	0 B	0	0.090	0	0	0	0	---	---	7
8	---	---	0B	0 B	0	0.037	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0.010	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0.001	0	0	0	0	---	---	10
11	---	---	0B	0 B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0.005B	0	0	0	0	0	0	---	---	12
13	---	---	0B	0.200B	0	0	0	0	0	0	---	---	13
14	---	---	0B	0.492B	0	0	0	0	0	0	---	---	14
15	---	---	0B	0.700B	0	0	0	0	0	0	---	---	15
16	---	---	0B	0.939B	0	0	0	0	0	0	---	---	16
17	---	---	0B	0.723	0	0	0	0	0	0	---	---	17
18	---	---	0B	0.573	0	0	0	0	0	0	---	---	18
19	---	---	0B	0.508	0	0	0	0	0	0	---	---	19
20	---	---	0B	0.283	0	0	0	0	0	0	---	---	20
21	---	---	0B	0.202	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.163	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.137	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.110	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.075	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.045	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.020	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.009	0	0	0	0	0	0	---	---	28
29	---		0B	0.005	0	0	0	0	0	0	---	---	29
30	---		0B	0.001	0	0	0	0	0	0	---	---	30
31	---		0B		0		0	0		0		---	31
TOTAL	---	---	0	5.186	0	0.419	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.173	0	0.014	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.939	0	0.144	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.023
MAXIMUM DAILY, 0.939B ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.61 AT 11:15 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 11 N
LONG 104 14 50 W
DRAINAGE AREA, 274 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	448	OCT	0
MAY	0	NOV	---
JUN	36.2	DEC	---

TOTAL DISCHARGE, 484 dam³

RADOUGA CREEK NEAR BLAINE LAKE - STATION NO. 05GE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 41 37 N
LONG 106 52 28 W
DRAINAGE AREA, 1 150 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

RADVILLE INDEX RESERVOIR - STATION NO. 05MA009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	28.900E	28.900E	30.480	30.448	30.287	30.254	30.084A	29.981E	29.961E	---	1
2	---	---	28.900E	28.900E	30.474	30.445	30.284	30.249	30.077E	29.984E	29.960A	---	2
3	---	---	28.900E	28.900E	30.469	30.438	30.276	30.241	30.070E	29.984E	---	---	3
4	---	---	28.900E	28.900E	30.464	30.433	30.267	30.234	30.064E	29.987E	---	---	4
5	---	---	28.900E	28.900E	30.457	30.430	30.260	30.228	30.056E	29.985E	---	---	5
6	---	---	28.900E	28.900E	30.453	30.426	30.251	30.223	30.052E	29.984E	---	---	6
7	---	---	28.900E	28.900E	30.447	30.416	30.245	30.217	30.047E	29.983E	---	---	7
8	---	---	28.900E	28.900E	30.444	30.409	30.246	30.207	30.043E	29.982E	---	---	8
9	---	---	28.900E	28.900E	30.443	30.404	30.249	30.199	30.038E	29.986E	---	---	9
10	---	---	28.900E	28.900E	30.451	30.397	30.245	30.191	30.035E	29.984E	---	---	10
11	---	---	28.900E	28.900E	30.449	30.393	30.240	30.183	30.028E	29.981E	---	---	11
12	---	---	28.900E	29.000E	30.446	30.387	30.237	30.179	30.024E	29.978E	---	---	12
13	---	---	28.900E	29.200E	30.444	30.382	30.239	30.171	30.017E	29.975E	---	---	13
14	---	---	28.900E	29.500E	30.441	30.376	30.238	30.165	30.009E	29.974E	---	---	14
15	---	---	28.900E	29.900E	30.441	30.371	30.258	30.155	30.003E	29.973E	---	---	15
16	---	---	28.900A	30.300E	30.445	30.364	30.280	30.151	30.000E	29.972E	---	---	16
17	---	---	28.900E	30.524A	30.448	30.356	30.318	30.147	29.995E	29.971E	---	---	17
18	---	---	28.900E	30.418	30.449	30.350	30.314	30.149	29.992E	29.971E	---	---	18
19	---	---	28.900E	30.441	30.447	30.343	30.310	30.143	29.987E	29.971E	---	---	19
20	---	---	28.900E	30.475	30.447	30.334	30.303	30.137	29.984E	29.971E	---	---	20
21	---	---	28.900E	30.460	30.445	30.326	30.296	30.132	29.980E	29.970E	---	---	21
22	---	---	28.900E	30.476	30.443	30.321	30.295	30.131	29.978E	29.969E	---	---	22
23	---	---	28.900E	30.486	30.443	30.316	30.298	30.129	29.974E	29.968E	---	---	23
24	---	---	28.900E	30.500	30.443	30.308	30.295	30.124	29.969E	29.967E	---	---	24
25	---	---	28.900E	30.499	30.440	30.302	30.289	30.119	29.966E	29.966E	---	---	25
26	---	---	28.900E	30.497	30.437	30.296	30.286	30.117	29.963E	29.966E	---	---	26
27	---	---	28.900E	30.494	30.432	30.292	30.284	30.111	29.964E	29.966E	---	---	27
28	---	---	28.900E	30.492	30.438	30.303	30.279	30.105	29.986E	29.965E	---	---	28
29	---		28.900E	30.492	30.455	30.300	30.272	30.099	29.986E	29.965E	---	---	29
30	---		28.900E	30.485	30.457	30.293	30.265	30.093	29.982E	29.964E	---	---	30
31	---		28.900E		30.453		30.259	30.089		29.962E		---	31
MEAN	---	---	28.900	29.751	30.449	30.365	30.273	30.164	30.012	29.974	---	---	MEAN
MAX	---	---	28.900	30.524	30.480	30.448	30.318	30.254	30.084	29.987	---	---	MAX
MIN	---	---	28.900	28.900	30.432	30.292	30.237	30.089	29.963	29.962	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 30.524A ON APR 17

MAXIMUM INSTANTANEOUS,
30.532A AT 17:00 CST ON APR 17

WATER LEVELS ARE REFERRED TO ASSUMED DATUN

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 35 N
LONG 104 16 50 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

RANCH CREEK NEAR ANNANHEIM - STATION NO. 05MA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.030B	0.016	0.025	0	0.035	0.008	0	0.002B	---	1
2	---	---	0 B	0.005B	0.013	0.021	0	0.034	0.011	0.003	0.002B	---	2
3	---	---	0 B	0 B	0.011	0.016	0	0.034	0.010	0.009	0.001B	---	3
4	---	---	0 B	0 B	0.009	0.012	0	0.032	0.009	0.010	---	---	4
5	---	---	0 B	0 B	0.008	0.009	0	0.030	0.007	0.010	---	---	5
6	---	---	0 B	0 B	0.006	0.007	0	0.028	0.008	0.009	---	---	6
7	---	---	0 B	0 B	0.006	0.006	0	0.024	0.009	0.008	---	---	7
8	---	---	0 B	0 B	0.005	0.005	0	0.023	0.012	0.007	---	---	8
9	---	---	0 B	0 B	0.004	0.004	0	0.023	0.010	0.006	---	---	9
10	---	---	0 B	0 B	0.003	0.003	0	0.020	0.007	0.005	---	---	10
11	---	---	0 B	0.002B	0.002	0.003	0	0.017	0.006	0.005	---	---	11
12	---	---	0 B	0.404B	0.002	0.002	0	0.016	0.004	0.005	---	---	12
13	---	---	0 B	2.39 B	0.012	0.002	0	0.016	0.002	0.005	---	---	13
14	---	---	0 B	1.97	0.011	0.001	0.412	0.020	0.001	0.005	---	---	14
15	---	---	0 B	0.961	0.008	0	5.99	0.018	0.001	0.004	---	---	15
16	---	---	0 B	0.611	0.007	0	4.23	0.015	0	0.004	---	---	16
17	---	---	0 B	0.440	0.005	0	3.11	0.013	0	0.004	---	---	17
18	---	---	0 B	0.355	0.004	0	2.02	0.012	0	0.003L	---	---	18
19	---	---	0 B	0.231	0.003	0	1.30	0.010	0	0.002B	---	---	19
20	---	---	0 B	0.134	0.002	0	0.754	0.008	0	0.002B	---	---	20
21	---	---	0 B	0.080	0.002	0	0.481	0.008	0	0.002B	---	---	21
22	---	---	0 B	0.065	0.002	0	0.308	0.009	0	0.002B	---	---	22
23	---	---	0 B	0.053	0.002	0	0.191	0.009	0	0.002B	---	---	23
24	---	---	0 B	0.045	0.002	0	0.130	0.009	0	0.002B	---	---	24
25	---	---	0 B	0.055	0.001	0	0.086	0.010	0	0.003B	---	---	25
26	---	---	0 B	0.048	0.001	0	0.074	0.011	0	0.002B	---	---	26
27	---	---	0 B	0.037	0	0	0.075	0.011	0	0.002B	---	---	27
28	---	---	0 B	0.030	0.002	0	0.062	0.010	0	0.002B	---	---	28
29	---		0 B	0.023	0.022	0	0.052	0.008	0	0.002B	---	---	29
30	---		0.200B	0.019	0.062	0	0.044	0.007	0	0.002B	---	---	30
31	---		0.100B		0.036		0.036	0.008		0.002B		---	31
TOTAL	---	---	0.300	7.988	0.269	0.116	19.355	0.528	0.105	0.129	---	---	TOTAL
MEAN	---	---	0.010	0.266	0.009	0.004	0.624	0.017	0.004	0.004	---	---	MEAN
MAX	---	---	0.200	2.39	0.062	0.025	5.99	0.035	0.012	0.010	---	---	MAX
MIN	---	---	0	0	0	0	0	0.007	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.118
MAXIMUM DAILY, 5.99 ON JUL 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
7.72 AT 04:37 CST ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 20 45 N
LONG 104 48 40 W
DRAINAGE AREA, 69.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 670
FEB	---	AUG	45.6
MAR	25.9	SEP	9.07
APR	690	OCT	11.1
MAY	23.2	NOV	---
JUN	10.0	DEC	---

TOTAL DISCHARGE, 2 480 dam³

RANCH LAKE NEAR ST. JAMES - STATION NO. 05MA024

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	552.171E	552.056E	552.298E	552.262	552.216E	552.204	---	1
2	---	---	---	---	---	552.176	552.051	552.296	552.241	552.215E	---	---	2
3	---	---	---	---	---	552.173E	552.049E	552.297E	552.242E	552.214E	---	---	3
4	---	---	---	---	---	552.170E	552.047E	552.299E	552.242E	552.213	---	---	4
5	---	---	---	---	---	552.167E	552.045E	552.300E	552.242E	552.207E	---	---	5
6	---	---	---	---	---	552.164E	552.043	552.301	552.243E	552.200E	---	---	6
7	---	---	---	---	---	552.161	552.041E	552.296E	552.243E	552.194E	---	---	7
8	---	---	---	---	---	552.158E	552.040E	552.291E	552.244E	552.188E	---	---	8
9	---	---	---	---	---	552.155E	552.038E	552.286E	552.244	552.181E	---	---	9
10	---	---	---	---	---	552.152E	552.036	552.281	552.241E	552.175	---	---	10
11	---	---	---	---	---	552.149E	552.047E	552.277E	552.239E	552.171E	---	---	11
12	---	---	---	---	---	552.146	552.057E	552.273E	552.236E	552.168E	---	---	12
13	---	---	---	---	---	552.138E	552.068E	552.269E	552.233E	552.164E	---	---	13
14	---	---	---	---	---	552.129E	552.079E	552.264E	552.231	552.160E	---	---	14
15	---	---	---	---	---	552.121	552.090E	552.260E	552.230E	552.157	---	---	15
16	---	---	---	---	---	552.116E	552.100E	552.256	552.229E	552.156E	---	---	16
17	---	---	---	---	552.173	552.111E	552.111	552.250E	552.229E	552.155E	---	---	17
18	---	---	---	---	552.173E	552.106E	552.132E	552.244E	552.228E	552.155E	---	---	18
19	---	---	---	---	552.172E	552.101	552.153E	552.237E	552.227	552.154E	---	---	19
20	---	---	---	---	552.172E	552.098E	552.175E	552.231	552.226E	552.154	---	---	20
21	---	---	---	---	552.171	552.095E	552.196E	552.230E	552.225E	552.163E	---	---	21
22	---	---	---	---	552.170E	552.092E	552.217	552.229E	552.224E	552.173E	---	---	22
23	---	---	---	---	552.169E	552.090E	552.229E	552.229E	552.222E	552.182E	---	---	23
24	---	---	---	---	552.168E	552.087E	552.242E	552.228E	552.221E	552.192E	---	---	24
25	---	---	---	---	552.167E	552.084E	552.254E	552.227E	552.220	552.201E	---	---	25
26	---	---	---	---	552.166	552.081	552.266E	552.226	552.219E	552.211	---	---	26
27	---	---	---	---	552.165E	552.076E	552.279E	552.229E	552.218E	552.209E	---	---	27
28	---	---	---	---	552.164E	552.071E	552.291	552.232E	552.218E	552.207E	---	---	28
29	---		---	---	552.162E	552.066E	552.291E	552.235E	552.217E	552.206E	---	---	29
30	---		---	---	552.161	552.061	552.291E	552.238E	552.216	552.204E	---	---	30
31	---		---		552.166E		552.291	552.241		552.202		---	31
MEAN	---	---	---	---	---	552.122	552.139	552.260	552.232	552.185	---	---	MEAN
MAX	---	---	---	---	---	552.176	552.291	552.301	552.262	552.216	---	---	MAX
MIN	---	---	---	---	---	552.061	552.036	552.226	552.216	552.154	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 552.301 ON AUG 6

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 28 41 N
LONG 104 46 02 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

RED DEER RIVER NEAR ARCHERWILL - STATION NO. 05LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.862	0.384	1.74	0.129	0.385	0.015	0.001A	---	1
2	---	---	0B	0 B	1.02	0.372	0.890	0.133	0.435	0.007	---	---	2
3	---	---	0B	0 B	0.883	0.449	1.05	0.164	0.290	1.28	---	---	3
4	---	---	0B	0 B	0.802	0.518	1.59	0.090	0.690	0.502	---	---	4
5	---	---	0B	0 B	0.854	0.483	0.815	0.094	0.822	0.212	---	---	5
6	---	---	0B	0 B	0.489	0.316	0.532	0.050	1.18	0.410	---	---	6
7	---	---	0B	0 B	0.513	0.189	0.307	0.030	1.10	0.361	---	---	7
8	---	---	0B	0 B	0.642	0.409	0.340	0.007	0.874	0.330	---	---	8
9	---	---	0B	0 B	0.635	0.279	0.352	0.001	0.416	0.193	---	---	9
10	---	---	0B	0 B	0.271	0.417	0.253	0.012	0.004	0.106	---	---	10
11	---	---	0B	0.191B	0.406	0.473	0.139	0.133	0.001	0.058	---	---	11
12	---	---	0B	0.560B	0.512	0.522	0.058	0.053	0	0.059	---	---	12
13	---	---	0B	0.641B	0.325	0.491	0.178	0.005	0	0.054	---	---	13
14	---	---	0B	0.628B	0.199	0.450	0.407	0.227	0	0.028	---	---	14
15	---	---	0B	0.511B	0.151	0.493	0.498	0.772	0	0.007	---	---	15
16	---	---	0B	0.374B	0.175	0.245	0.202	0.701	0	0.001	---	---	16
17	---	---	0B	0.347B	0.175	0.293	0.035	0.687	0	0.001	---	---	17
18	---	---	0B	0.314	0.169	0.369	0.585	0.679	0	0.001	---	---	18
19	---	---	0B	0.286	0.169	0.214	0.787	0.637	0	0.001	---	---	19
20	---	---	0B	0.296	0.222	0.287	0.169	0.594	0	0.001	---	---	20
21	---	---	0B	0.368	0.205	0.397	0.213	0.588	0.031	0.001	---	---	21
22	---	---	0B	0.458	0.259	0.515	1.58	0.557	0.194	0.001	---	---	22
23	---	---	0B	0.525	0.357	0.322	5.94	0.463	0.005	0.001	---	---	23
24	---	---	0B	0.519	0.363	0.311	0.282	0.445	0.001	0.001	---	---	24
25	---	---	0B	0.638	0.278	0.393	0.166	0.418	0	0.001	---	---	25
26	---	---	0B	0.705	0.159	0.582	0.246	0.398	0	0.001	---	---	26
27	---	---	0B	0.810	0.066	1.11	0.196	0.343	0	0.001	---	---	27
28	---	---	0B	0.874	0.045	0.952	0.172	0.403	0.010	0.001	---	---	28
29	---		0B	1.06	0.051	1.09	0.072	0.479	0.016	0.001	---	---	29
30	---		0B	0.773	0.153	1.12	0.161	0.402	0.011	0.001	---	---	30
31	---		0B		0.357		0.143	0.357		0.001		---	31
TOTAL	---	---	0	10.878	11.759	14.445	20.098	10.051	6.465	3.638	---	---	TOTAL
MEAN	---	---	0	0.363	0.379	0.482	0.648	0.324	0.216	0.117	---	---	MEAN
MAX	---	---	0	1.06	1.02	1.12	5.94	0.772	1.18	1.28	---	---	MAX
MIN	---	---	0	0	0.045	0.189	0.035	0.001	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.316
MAXIMUM DAILY, 5.94 ON JUL 23
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8.01 AT 23:38 CST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 26 06 N
LONG 103 41 49 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 740
FEB	---	AUG	868
MAR	0	SEP	559
APR	940	OCT	314
MAY	1 020	NOV	---
JUN	1 250	DEC	---

TOTAL DISCHARGE, 6 690 dam³

RED DEER RIVER NEAR ERWOOD - STATION NO. 05LC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.210B	0.096B	0.057B	0.477B	29.7	65.7	4.23	3.41	2.15	1.01	2.43	0.115B	1
2	0.208B	0.093B	0.057B	0.544B	27.5	69.5	3.81	3.04	2.48	1.40	2.56 B	0.187B	2
3	0.206B	0.090B	0.057B	0.567B	25.1	66.9	3.92	3.02	3.86	1.96	1.90 B	0.335B	3
4	0.204B	0.087B	0.057B	0.458B	23.7	59.1	3.45	2.82	4.57	2.53	1.91 B	0.336B	4
5	0.202B	0.085B	0.058B	0.511B	21.9	52.1	3.55	2.70	4.97	3.01	1.35 B	0.385B	5
6	0.201B	0.083B	0.058B	0.653B	20.6	49.0	3.86	2.62	5.60	3.64	0.939B	0.347B	6
7	0.198B	0.081B	0.058B	0.695B	19.2	46.6	4.42	2.61	5.66	4.16	1.03 B	0.206B	7
8	0.195B	0.078B	0.059B	0.709B	17.8	48.9	3.90	2.38	4.78	4.29	0.985B	0.119B	8
9	0.192B	0.076B	0.059B	0.714B	16.4	42.6	4.09	3.20	4.03	4.34	0.795B	0.123B	9
10	0.188B	0.074B	0.059B	0.649B	14.9	35.4	4.17	4.32	3.42	4.47	0.772B	0.166B	10
11	0.184B	0.072B	0.059B	0.778B	13.9	29.7	3.76	4.15	2.96	4.29	0.627B	0.143B	11
12	0.180B	0.070B	0.059B	0.877B	13.3	25.4	3.41	3.74	2.54	4.27	0.725B	0.119B	12
13	0.176B	0.069B	0.060B	0.972B	12.7	21.7	3.06	4.01	2.54	4.20	0.541B	0.078B	13
14	0.172B	0.067B	0.060B	1.38 B	12.0	18.8	2.72	4.24	2.26	4.11	0.565B	0.144B	14
15	0.167B	0.066B	0.062B	5.73 B	10.9	16.3	2.75	5.08	1.99	4.18	0.528B	0.434B	15
16	0.161B	0.064B	0.064B	15.8 B	10.9	14.9	2.60	5.31	1.81	4.00	0.716B	0.344B	16
17	0.155B	0.063B	0.067B	20.5 B	11.2	13.9	4.38	5.52	1.55	3.96	0.643B	0.275B	17
18	0.150B	0.062B	0.070B	41.8 B	10.9	12.6	5.11	5.33	1.43	3.83	0.752B	0.422B	18
19	0.145B	0.061B	0.074B	52.0 B	10.7	11.4	5.61	4.62	1.24	3.70	0.823B	0.518B	19
20	0.140B	0.060B	0.078B	47.1 B	10.9	11.0	6.50	3.89	1.09	4.02	0.806B	0.252B	20
21	0.136B	0.059B	0.086B	39.2 B	11.9	9.93	7.02	3.24	1.01	3.70	0.827B	0.176B	21
22	0.132B	0.059B	0.096B	41.0 B	11.2	8.99	6.64	2.75	0.907	3.31	0.674B	0.259B	22
23	0.127B	0.059B	0.118B	48.0 B	11.8	8.27	6.81	2.39	0.814	3.08	0.401B	0.436B	23
24	0.123B	0.058B	0.145B	50.8	11.7	7.83	5.93	2.03	0.730	4.22	0.495B	0.409B	24
25	0.119B	0.058B	0.180B	45.6	11.6	7.77	5.25	1.90	0.628	4.22	0.405B	0.245B	25
26	0.115B	0.058B	0.225B	45.0	11.2	7.58	4.45	1.85	0.529	3.83	0.329B	0.209B	26
27	0.111B	0.058B	0.280B	45.2	10.5	6.79	3.79	1.74	0.457	3.60	0.466B	0.246B	27
28	0.108B	0.057B	0.350B	36.7	9.92	6.42	3.44	1.66	0.625	3.57	0.353B	0.291B	28
29	0.105B		0.440B	34.2	11.2	5.71	3.38	1.72	0.966	3.31	0.299B	0.352B	29
30	0.102B		0.537B	33.3	25.0	5.15	3.32	1.80	1.07	3.17	0.172B	0.504B	30
31	0.099B		0.511B		49.5		3.62	2.17		2.72		0.800B	31
TOTAL	4.911	1.963	4.200	611.914	509.72	785.94	132.95	99.26	68.666	110.10	25.818	8.975	TOTAL
MEAN	0.158	0.070	0.135	20.4	16.4	26.2	4.29	3.20	2.29	3.55	0.861	0.290	MEAN
MAX	0.210	0.096	0.537	52.0	49.5	69.5	7.02	5.52	5.66	4.47	2.56	0.800	MAX
MIN	0.099	0.057	0.057	0.458	9.92	5.15	2.60	1.66	0.457	1.01	0.172	0.078	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.48
MAXIMUM DAILY, 69.5 ON JUN 2
MINIMUM DAILY, 0.057B ON FEB 28
MAXIMUM INSTANTANEOUS,
70.0 AT 11:26 CST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 36 N
LONG 102 11 39 W
DRAINAGE AREA, 11 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	424	JUL	11 500
FEB	170	AUG	8 580
MAR	363	SEP	5 930
APR	52 900	OCT	9 510
MAY	48 000	NOV	2 230
JUN	67 900	DEC	775

TOTAL DISCHARGE, 204 000 dam³

RED DEER RIVER NEAR STEEN - STATION NO. 05LB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.065B	5.87	3.52	0.754	0.322	1.14	0.189	0.125B	---	1
2	---	---	0.001B	0.078B	5.42	3.45	0.852	0.309	0.548	0.165	---	---	2
3	---	---	0.001B	0.087B	5.10	3.32	0.982	0.335	0.324	0.091	---	---	3
4	---	---	0.001B	0.085B	4.79	3.30	0.983	0.285	0.418	0.063	---	---	4
5	---	---	0.001B	0.078B	4.63	3.19	0.880	0.242	0.834	0.057	---	---	5
6	---	---	0.001B	0.133B	4.36	3.30	0.834	0.218	1.40	0.128	---	---	6
7	---	---	0.001B	0.183B	4.05	3.22	0.835	0.178	1.03	0.093	---	---	7
8	---	---	0.001B	0.203B	3.50	2.94	0.733	0.138	0.976	0	---	---	8
9	---	---	0.001B	0.208B	3.17	2.57	0.611	0.084	0.588	0	---	---	9
10	---	---	0.001B	0.217B	2.94	2.47	0.564	0.055	0.620	0.008	---	---	10
11	---	---	0.001B	0.289B	2.70	2.39	0.449	0.066	0.560	0.100	---	---	11
12	---	---	0.001B	0.281B	2.33	2.20	0.391	0.104	0.553	0.161	---	---	12
13	---	---	0.001B	0.222B	2.07	2.00	0.356	0.202	0.656	0.230	---	---	13
14	---	---	0.001B	0.356B	2.01	1.83	0.361	0.158	0.668	0.160	---	---	14
15	---	---	0.001B	2.04 B	1.87	1.72	0.555	0.128	0.744	0.126	---	---	15
16	---	---	0.001B	6.26 B	1.64	1.78	1.08	0.098	0.309	0.139	---	---	16
17	---	---	0.001B	8.83 B	1.60	1.74	0.806	0.078	0.007	0.115	---	---	17
18	---	---	0.001B	9.12 B	1.60	1.61	0.660	0.068	0.081	0.092	---	---	18
19	---	---	0.005B	9.70 B	1.52	1.51	0.623	0.045	0.094	0.154	---	---	19
20	---	---	0.010B	9.93 B	1.46	1.42	0.562	0.031	0.084	0.127	---	---	20
21	---	---	0.020B	8.62 B	1.49	1.33	0.478	0.036	0.083	0.148B	---	---	21
22	---	---	0.030B	6.77 B	1.47	1.17	0.394	0.026	0.089	0.152B	---	---	22
23	---	---	0.050B	6.72 B	1.44	1.08	0.380	0.087	0.114	0.142B	---	---	23
24	---	---	0.070B	7.82	1.36	0.982	0.596	0.095	0.134	0.141B	---	---	24
25	---	---	0.090B	7.40	1.34	0.955	1.37	0.113	0.135	0.162B	---	---	25
26	---	---	0.110B	6.96	1.35	0.880	1.08	0.059	0.094	0.101B	---	---	26
27	---	---	0.115B	6.78	1.13	0.781	0.801	0.076	0.081	0.063B	---	---	27
28	---	---	0.120B	6.60	1.20	0.727	0.681	0.086	0.092	0.111B	---	---	28
29	---		0.122B	6.30	2.36	0.686	0.355	0.127	0.171	0.087B	---	---	29
30	---		0.070B	6.02	3.40	0.751	0.294	0.255	0.183	0.073B	---	---	30
31	---		0.062B		3.52		0.223	0.364		0.090B		---	31
TOTAL	---	---	0.892	118.355	82.69	58.822	20.283	4.468	12.810	3.468	---	---	TOTAL
MEAN	---	---	0.029	3.95	2.67	1.96	0.654	0.144	0.427	0.112	---	---	MEAN
MAX	---	---	0.122	9.93	5.87	3.52	1.37	0.364	1.40	0.230	---	---	MAX
MIN	---	---	0.001	0.065	1.13	0.686	0.223	0.026	0.007	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 9.93B ON APR 20
MINIMUM DAILY, 0 ON OCT 8
MAXIMUM INSTANTANEOUS,
12.2B AT 10:15 CST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 39 16 N
LONG 103 30 56 W
DRAINAGE AREA, 3 790 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 750
FEB	---	AUG	386
MAR	77.1	SEP	1 110
APR	10 200	OCT	300
MAY	7 140	NOV	---
JUN	5 080	DEC	---

TOTAL DISCHARGE, 26 000 dam³

REDBERRY LAKE NEAR KRYDOR - STATION NO. 05GD003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	504.590	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	504.661	---	---	---	---	504.448	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 41 49 N
LONG 107 06 23 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REID LAKE NEAR DUNCAIRN - STATION NO. 05HD033

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	802.706	802.641E	803.017	804.303	806.681	806.820	807.189	807.093	806.625E	806.348	806.321E	806.229A	1
2	802.703	802.639E	803.029	804.412A	806.698	806.846	807.217	807.068	806.612E	806.346	806.322E	806.225E	2
3	802.699	802.637E	803.036	804.489A	806.711	806.946	807.238	807.040	806.600E	806.343	806.313E	806.221E	3
4	802.700	802.635E	803.040	804.536A	806.708	807.037	807.244	807.023	806.589E	806.338	806.320E	806.218E	4
5	802.697	802.632E	803.047	804.567A	806.711	807.105	807.247	807.000	806.578E	806.334	806.317E	806.214E	5
6	802.694	802.630E	803.050	804.587	806.715A	807.132	807.254	806.982	806.567E	806.330	806.314E	806.211E	6
7	802.692	802.628E	803.050	804.604	806.720A	807.168	807.276	806.942	806.555E	806.328	806.308E	806.207E	7
8	802.689	802.627E	803.048	804.621A	806.719	807.202	807.277	806.921	806.542E	806.320	806.300E	806.202E	8
9	802.687	802.626E	803.054	804.630	806.725	807.228	807.287	806.897	806.532E	806.316	806.297E	806.200A	9
10	802.687	802.625A	803.056	804.643	806.749A	807.242	807.294	806.882	806.522E	806.310	806.297E	806.195	10
11	802.688	802.623	803.071	804.702	806.765	807.255	807.293	806.870	806.510E	806.305	806.280E	806.192	11
12	802.684	802.621	803.115	804.855	806.775	807.269	807.288	806.852	806.499E	806.299	806.282E	806.190	12
13	802.682	802.620	803.161	805.079	806.782	807.273	807.278	806.842	806.488E	806.299	806.276E	806.186	13
14	802.691	802.618	803.234	805.397	806.789	807.276	807.267	806.824	806.480E	806.294	806.273E	806.180	14
15	802.675	802.617	803.331	805.705	806.788	807.280	807.249	806.808	806.468E	806.305	806.271E	806.178	15
16	802.674	802.618	803.436	805.962	806.789	807.280	807.244	806.801	806.458E	806.317	806.268E	806.179	16
17	802.680	802.618	803.524	806.111	806.797	807.273	807.256	806.787	806.449E	806.284	806.265E	806.178	17
18	802.673	802.617	803.604	806.195	806.806	807.270	807.258	806.797	806.438E	806.284	806.260E	806.176	18
19	802.667	802.621	803.657	806.253	806.812	807.270	807.256	806.790A	806.427E	806.293	806.258E	806.172	19
20	802.664	802.642	803.694	806.312	806.812	807.268	807.245	806.776E	806.415E	806.300	806.255E	806.170	20
21	802.660	802.781	803.723	806.364	806.822	807.263	807.244	806.764E	806.402E	806.304	806.252E	806.167	21
22	802.659	802.866	803.754	806.411	806.824	807.256	807.242	806.752E	806.394A	806.315	806.248E	806.171	22
23	802.658	802.922	803.781	806.455	806.816	807.242	807.232	806.739E	806.391E	806.308	806.246E	806.167	23
24	802.663	802.944	803.793	806.482	806.807	807.238	807.224	806.725E	806.386E	806.307	806.244E	806.162	24
25	802.667	802.965	803.810	806.512	806.813	807.233	807.216	806.712E	806.382E	806.309	806.242E	806.161	25
26	802.673	802.980	803.828	806.552	806.781	807.226	807.201	806.700E	806.374E	806.307	806.240E	806.159	26
27	802.663A	803.000	803.846	806.591	806.766	807.210	807.185	806.688E	806.370E	806.320A	806.239E	806.148	27
28	802.655E	803.013	803.884	806.626	806.760E	807.196	807.168	806.676E	806.362E	806.320E	806.235E	806.147	28
29	802.651E		803.943	806.648	806.782E	807.190	807.153	806.662E	806.355A	806.321E	806.234E	806.149	29
30	802.647E		804.045	806.661	806.805E	807.193	807.137	806.650E	806.350E	806.321E	806.232E	806.146	30
31	802.643E		804.171		806.819A		807.117	806.638E		806.325E		806.145	31
MEAN	802.676	802.713	803.446	805.576	806.769	807.189	807.235	806.829	806.471	806.315	806.274	806.182	MEAN
MAX	802.706	803.013	804.171	806.661	806.824	807.280	807.296	807.093	806.625	806.348	806.322	806.229	MAX
MIN	802.643	802.617	803.017	804.303	806.681	806.820	807.117	806.638	806.350	806.284	806.232	806.145	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 805.656
MAXIMUM DAILY, 807.296 ON JUL 10
MINIMUM DAILY, 802.617 ON FEB 15
MAXIMUM INSTANTANEOUS,
807.305 AT 17:23 CST ON JUL 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 04 25 N
LONG 108 02 47 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1945

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

REINDEER RIVER AT OUTLET OF REINDEER LAKE - STATION NO. 06DB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	411	396	348	314	157	72.0	0	0	70.0	69.0	259	457	1
2	411	396	348	314	158	32.0	0	0	70.0	69.0	259	457	2
3	409	394	348	283	159	33.0	0	0	70.0	69.0	260	454	3
4	411	393	348	272	159	32.0	0	0	71.0	70.0	254	454	4
5	409	391	348	270	159	32.0	0	0	70.0	69.0	256	454	5
6	408	391	346	271	159	32.0	0	0	69.0	69.0	358	452	6
7	408	389	348	270	159	34.0	0	0	69.0	70.0	399	452	7
8	408	389	346	270	159	34.0	0	0	70.0	71.0	399	452	8
9	408	389	346	270	159	34.0	0	0	71.0	71.0	387	452	9
10	406	389	346	270	160	34.0	0	0	71.0	70.0	387	452	10
11	406	387	346	272	127	34.0	0	0	71.0	70.0	387	449	11
12	406	387	348	270	111	34.0	0	0	72.0	70.0	389	449	12
13	404	387	346	270	112	34.0	0	0	70.0	71.0	385	449	13
14	404	389	344	272	112	34.0	0	0	68.0	71.0	384	449	14
15	404	387	344	272	113	36.0	0	0	68.0	160	382	449	15
16	404	389	346	249	113	34.0	0	60.0	71.0	183	394	449	16
17	402	387	324	241	113	34.0	0	69.0	71.0	182	394	447	17
18	402	387	318	241	113	7.00	0	69.0	70.0	202	394	447	18
19	402	389	318	241	113	0	0	70.0	70.0	243	394	447	19
20	402	387	318	241	114	0	0	71.0	70.0	260	396	449	20
21	399	387	318	241	114	0	0	71.0	71.0	260	391	447	21
22	401	387	318	241	114	0	0	71.0	71.0	258	389	447	22
23	402	387	318	242	113	0	0	71.0	70.0	260	392	447	23
24	399	366	318	241	113	0	0	71.0	70.0	261	392	447	24
25	398	351	318	241	84.0	0	0	71.0	70.0	260	392	447	25
26	398	348	317	241	71.0	0	0	70.0	71.0	261	389	447	26
27	399	348	316	243	72.0	0	0	70.0	71.0	261	435	444	27
28	397	348	316	227	72.0	0	0	70.0	73.0	261	459	442	28
29	397		316	167	71.0	0	0	69.0	73.0	261	459	439	29
30	397		316	156	71.0	0	0	69.0	70.0	259	459	442	30
31	396		316		71.0		0	69.0		259		442	31
TOTAL	12 508	10 715	10 311	7 613	3 695.0	616.00	0	1 111.0	2 112.0	5 070.0	11 274	13 911	TOTAL
MEAN	403	383	333	254	119	20.5	0	35.8	70.4	164	376	449	MEAN
MAX	411	396	348	314	160	72.0	0	71.0	73.0	261	459	457	MAX
MIN	396	348	316	156	71.0	0	0	0	68.0	69.0	254	439	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 216
MAXIMUM DAILY, 459 ON NOV 28
MINIMUM DAILY, 0 ON JUN 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 56 14 00 N
LONG 103 09 00 W
DRAINAGE AREA, 60 500 km²

REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 080 000	JUL	0
FEB	926 000	AUG	96 000
MAR	891 000	SEP	182 000
APR	658 000	OCT	438 000
MAY	319 000	NOV	974 000
JUN	53 200	DEC	1 200 000

TOTAL DISCHARGE, 6 820 000 dam³

DATA CONTRIBUTED BY -
CHURCHILL RIVER POWER COMPANY

RICHARDSON DITCH NEAR CONSUL - STATION NO. 11AB058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0.001	0	0	0	0	---	---	2
3	---	---	0	0	0	0.001	0	0	0	0	---	---	3
4	---	---	0	0	0	0.001	0	0	0	0	---	---	4
5	---	---	0	0	0	0.001	0	0	0	0	---	---	5
6	---	---	0	0	0	0.001	0	0	0	0	---	---	6
7	---	---	0	0	0	0.001	0	0	0	0	---	---	7
8	---	---	0	0	0	0.001	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	1.02	0	0	0	0	---	---	11
12	---	---	0	0	0	1.45	0	0	0	0	---	---	12
13	---	---	0	0	0	1.52	0	0	0	0	---	---	13
14	---	---	0	0	0 E	1.54	0	0	0	0	---	---	14
15	---	---	0	0	0 E	1.60	0	0	0	0	---	---	15
16	---	---	0	0	0 E	1.61	0	0	0	0	---	---	16
17	---	---	0	0	0.005E	1.60	0	0	0	0	---	---	17
18	---	---	0	0	0.005E	1.57	0	0	0	0	---	---	18
19	---	---	0	0	0.003A	1.44	0	0	0	0	---	---	19
20	---	---	0	0	0.001	1.41	0	0	0	0	---	---	20
21	---	---	0	0	0	1.23	0	0	0	0	---	---	21
22	---	---	0	0	0	0.670	0	0	0	0	---	---	22
23	---	---	0	0	0	0.406	0	0	0	0	---	---	23
24	---	---	0	0	0.001	0.018	0	0	0	0	---	---	24
25	---	---	0	0	0.001	0	0	0	0	0	---	---	25
26	---	---	0	0	0.001	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---		0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0.001		0	0		0		---	31
TOTAL	---	---	0	0	0.018	17.091	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.001	0.570	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.005	1.61	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.070
MAXIMUM DAILY, 1.61 ON JUN 16
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 50 N
LONG 109 32 12 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1.56	NOV	---
JUN	1 480	DEC	---

TOTAL DISCHARGE, 1 480 dam³

RIDALLS TRIBUTARY BELOW GREENLEIGH RESERVOIR - STATION NO. 05HF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0	0.004	0.001	0	0	0	0	---	---	1
2	---	0	0	0	0.003	0.001	0	0	0	0	---	---	2
3	---	0	0	0	0.002	0.001	0	0	0	0	---	---	3
4	---	0	0	0	0.002	0.001	0	0	0	0	---	---	4
5	---	0	0	0	0.001	0.001	0	0	0	0	---	---	5
6	---	0	0	0	0.001	0	0	0	0	0	---	---	6
7	---	0	0	0	0.001	0	0	0	0	0	---	---	7
8	---	0	0	0	0	0	0	0	0	0	---	---	8
9	---	0	0	0	0	0	0	0	0	0	---	---	9
10	---	0	0	0	0	0	0	0	0	0	---	---	10
11	---	0	0	0	0	0	0	0	0	0	---	---	11
12	---	0	0	0	0	0	0	0	0	0	---	---	12
13	---	0	0	0	0	0	0	0	0	0	---	---	13
14	---	0	0	0	0	0	0	0	0	0	---	---	14
15	---	0	0	0	0	0	0	0	0	0	---	---	15
16	---	0	0	0.194	0	0	0	0	0	0	---	---	16
17	---	0	0	0.816	0	0	0	0	0	0	---	---	17
18	---	0	0	0.568	0	0	0	0	0	0	---	---	18
19	---	0	0	0.255	0	0	0	0	0	0	---	---	19
20	---	0	0	0.122	0	0	0	0	0	0	---	---	20
21	---	0	0	0.077	0	0	0	0	0	0	---	---	21
22	---	0	0	0.056	0	0	0	0	0	0	---	---	22
23	---	0	0	0.060	0	0	0	0	0	0	---	---	23
24	---	0	0	0.040	0	0	0	0	0	0	---	---	24
25	---	0	0	0.024	0	0	0	0	0	0	---	---	25
26	---	0	0	0.016	0	0	0	0	0	0	---	---	26
27	---	0	0	0.011	0	0	0	0	0	0	---	---	27
28	---	0	0	0.008	0	0	0	0	0	0	---	---	28
29	---		0	0.006	0.001	0	0	0	0	0	---	---	29
30	---		0	0.005	0.001	0	0	0	0	0	---	---	30
31	---		0		0.001		0	0		0		---	31
TOTAL	---	0	0	2.258	0.017	0.005	0	0	0	0	---	---	TOTAL
MEAN	---	0	0	0.075	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	0	0	0.816	0.004	0.001	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.816 ON APR 17
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.948 AT 03:11 CST ON APR 17

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 51 N
LONG 108 27 13 W
DRAINAGE AREA, 26.9 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	195	OCT	0
MAY	1.47	NOV	---
JUN	0.43	DEC	---

TOTAL DISCHARGE, 197 dam³

RIDGE CREEK NEAR BRIDGEFORD - STATION NO. 05JG013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.001B	0.001B	1.60 B	0.065	0.630	0.006	0.010	0.001	0.003	---	---	1
2	---	0.001B	0.001B	1.45 B	0.058	0.388	0.049	0.010	0.001	0.004	---	---	2
3	---	0.001B	0.001B	0.758B	0.049	0.336	0.064	0.004	0.001	0.003	---	---	3
4	---	0.001B	0.001B	0.388B	0.040	0.161	0.033	0.002	0.001	0.002	---	---	4
5	---	0.001B	0.001B	0.169B	0.041	0.133	0.022	0.002	0.001	0.002	---	---	5
6	---	0.001B	0.001B	0.100B	0.041	0.090	0.018	0.001	0.001	0.001	---	---	6
7	---	0.001B	0.001B	0.076B	0.036	0.075	0.015	0.001	0.001	0.001	---	---	7
8	---	0.001B	0.001B	0.075B	0.031	0.059	0.017	0.001	0.001	0.001	---	---	8
9	---	0.001B	0.001B	0.079B	0.028	0.052	0.019	0	0	0.001	---	---	9
10	---	0.001B	0.001B	0.159B	0.028	0.046	0.014	0	0	0.001	---	---	10
11	---	0.001B	0.002B	2.72 B	0.027	0.039	0.015	0	0	0.001	---	---	11
12	---	0.001B	0.003B	8.31 B	0.026	0.034	0.006	0.001	0	0.003	---	---	12
13	---	0.001B	0.004B	13.6 B	0.024	0.030	0.006	0.001	0	0.002	---	---	13
14	---	0.001B	0.006B	22.5 B	0.022	0.029	0.013	0.001	0	0.002	---	---	14
15	---	0.001B	0.007B	20.6 B	0.016	0.027	0.039	0.001	0	0.002	---	---	15
16	---	0.001B	0.020B	8.91 B	0.019	0.023	0.030	0.001	0	0.002	---	---	16
17	---	0.001B	0.020B	5.11 B	0.022	0.020	0.034	0.001	0.001	0.002	---	---	17
18	---	0.001B	0.006B	3.70	0.020	0.017	0.020	0.001	0.001	0.002	---	---	18
19	---	0.001B	0.005B	2.64	0.022	0.011	0.014	0.001	0.001	0.003	---	---	19
20	---	0.001B	0.004B	1.94	0.034	0.008	0.007	0.001	0.001	0.003	---	---	20
21	---	0.001B	0.003B	1.33	0.034	0.006	0.009	0.001	0.001	0.003	---	---	21
22	---	0.001B	0.002B	0.909	0.025	0.014	0.552	0.001	0.001	0.003	---	---	22
23	---	0.001B	0.003B	0.636	0.022	0.007	0.631	0.001	0	0.004	---	---	23
24	---	0.001B	0.003B	0.411	0.020	0.008	0.304	0.001	0.001	0.003	---	---	24
25	---	0.001B	0.009B	0.257	0.021	0.009	0.111	0.001	0.001	0.002	---	---	25
26	---	0.001B	0.013B	0.177	0.017	0.010	0.055	0.001	0.001	0.003	---	---	26
27	---	0.001B	0.021B	0.152	0.014	0.010	0.044	0.001	0.001	0.003A	---	---	27
28	---	0.001B	0.451B	0.111	0.046	0.009	0.030	0.001	0.008	0.003E	---	---	28
29	---		1.15 B	0.093	0.731	0.008	0.019	0.001	0.007	0.003E	---	---	29
30	---		2.39 B	0.072	0.701	0.005	0.014	0.001	0.003	0.003E	---	---	30
31	---		1.53 B		0.924		0.010	0.001		0.003E		---	31
TOTAL	---	0.028	5.662	99.032	3.204	2.194	2.220	0.051	0.036	0.074	---	---	TOTAL
MEAN	---	0.001	0.183	3.30	0.103	0.073	0.072	0.002	0.001	0.002	---	---	MEAN
MAX	---	0.001	2.39	22.5	0.924	0.630	0.631	0.010	0.008	0.004	---	---	MAX
MIN	---	0.001	0.001	0.072	0.014	0.005	0.006	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.459
MAXIMUM DAILY, 22.5B ON APR 14
MINIMUM DAILY, 0 ON AUG 9
MAXIMUM INSTANTANEOUS,
24.7B AT 00:15 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 05 N
LONG 106 19 46 W
DRAINAGE AREA, 461 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	192
FEB	2.42	AUG	4.41
MAR	489	SEP	3.11
APR	8 560	OCT	6.39
MAY	277	NOV	---
JUN	190	DEC	---

TOTAL DISCHARGE, 9 720 dam³

ROCK CREEK BELOW HORSE CREEK NEAR INTERNATIONAL BOUNDARY - STATION NO. 11AE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.007B	0 B	0	1.70	0.623	2.15	0.122	0.071	0.015	0.082	0.076	0.037B	1
2	0.004B	0 B	0	1.42	0.510	1.39	0.119	0.062	0.012	0.076	0.074	0.037B	2
3	0.003B	0 B	0	1.13	0.425	1.02	0.119	0.051	0.011	0.062	0.071	0.037B	3
4	0.001B	0 B	0	1.13	0.396	0.793	0.110	0.051	0.010	0.054	0.068	0.037B	4
5	0.001B	0 B	0	0.991	0.368	0.651	0.099	0.045	0.012	0.059	0.062	0.037B	5
6	0 B	0 B	0	0.850	0.340	0.538	0.091	0.040	0.012	0.054	0.062	0.034B	6
7	0 B	0 B	0	0.708	0.340	0.481	0.088	0.034	0.012	0.048	0.062	0.028B	7
8	0 B	0 B	0	0.566	0.311	0.425	0.088	0.028	0.011	0.051	0.065	0.023B	8
9	0 B	0 B	0.014	0.708	0.340	0.368	0.082	0.027	0.008	0.051	0.065	0.020B	9
10	0 B	0 B	0.028	0.850	0.368	0.340	0.085	0.025	0.007	0.048	0.065	0.017B	10
11	0 B	0 B	0.142	4.25	0.425	0.340	0.079	0.025	0.007	0.048	0.062	0.014B	11
12	0 B	0 B	0.127	28.3	0.595	0.311	0.076	0.025	0.007	0.051	0.057	0.014B	12
13	0 B	0 B	0.142	46.2	0.510	0.283	0.074	0.023	0.007	0.051	0.048	0.017B	13
14	0 B	0 B	0.170	48.7	0.481	0.269	0.074	0.022	0.007	0.054	0.045	0.017B	14
15	0 B	0 B	0.156	34.5	0.396	0.258	0.071	0.019	0.007	0.057	0.048	0.017B	15
16	0 B	0 B	0.142	17.9	0.368	0.269	0.082	0.020	0.008	0.054	0.051	0.023B	16
17	0 B	0.003B	0.127	7.84	0.368	0.510	0.091	0.020	0.010	0.054	0.054	0.028B	17
18	0 B	0.003B	0.113	6.57	0.368	2.12	0.093	0.016	0.009	0.057	0.057B	0.031B	18
19	0 B	0.003B	0.099	3.74	0.396	1.16	0.099	0.016	0.009	0.057	0.057B	0.034B	19
20	0 B	0.006B	0.085	2.21	0.481	0.566	0.093	0.016	0.008	0.062	0.048B	0.034B	20
21	0 B	0.006B	0.085	1.84	2.24	0.396	0.076	0.012	0.008	0.071	0.040B	0.034B	21
22	0 B	0.003B	0.099	2.55	2.10	0.283	0.068	0.011	0.008	0.071	0.037B	0.034B	22
23	0 B	0 B	0.113	3.51	1.08	0.241	0.062	0.011	0.010	0.068	0.034B	0.034B	23
24	0 B	0	0.099	3.17	0.736	0.215	0.062	0.012	0.013	0.071	0.034B	0.034B	24
25	0 B	0	0.099	2.29	0.595	0.198	0.057	0.012	0.014	0.074	0.031B	0.031B	25
26	0 B	0	0.085	1.61	0.481	0.181	0.057	0.015	0.014	0.074	0.031B	0.031B	26
27	0 B	0	0.113	1.13	0.453	0.161	0.054	0.018	0.016	0.079	0.031B	0.031B	27
28	0 B	0	0.142	0.963	16.9	0.147	0.051	0.018	0.026	0.079	0.034B	0.031B	28
29	0 B		0.425	0.793	33.4	0.144	0.048	0.016	0.040	0.079	0.034B	0.031B	29
30	0 B		1.98	0.708	8.07	0.133	0.045	0.016	0.059	0.085	0.037B	0.031B	30
31	0 B		1.70		3.65		0.048	0.016		0.085		0.031B	31
TOTAL	0.016	0.024	6.285	228.827	78.114	16.341	2.463	0.793	0.397	1.966	1.540	0.889	TOTAL
MEAN	0.001	0.001	0.203	7.63	2.52	0.585	0.079	0.026	0.013	0.063	0.051	0.029	MEAN
MAX	0.007	0.006	1.98	48.7	33.4	2.15	0.122	0.071	0.059	0.085	0.076	0.037	MAX
MIN	0	0	0	0.566	0.311	0.133	0.045	0.011	0.007	0.048	0.031	0.014	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.925
MAXIMUM DAILY, 48.7 ON APR 14
MINIMUM DAILY, 0B ON JAN 6
MAXIMUM INSTANTANEOUS,
61.2 AT 21:45 CST ON APR 13

DATA CONTRIBUTED BY -
UNITED STATES GEOLOGICAL SURVEY

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 10 N
LONG 106 49 50 W
DRAINAGE AREA, 839 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1.38	JUL	213
FEB	2.07	AUG	68.5
MAR	543	SEP	34.3
APR	19 800	OCT	170
MAY	6 750	NOV	133
JUN	1 410	DEC	76.8

TOTAL DISCHARGE, 29 200 dam³

ROMANCE CREEK NEAR WATSON - STATION NO. 05MA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 B	0.010	0.014	0	0.146	0.008	0	---	---	1
2	---	---	0 B	0.002B	0.009	0.010	0	0.132	0.006	0	---	---	2
3	---	---	0 B	0.002B	0.008	0.009	0	0.112	0.003	0	---	---	3
4	---	---	0 B	0 B	0.007	0.007	0	0.106	0.001	0	---	---	4
5	---	---	0 B	0 B	0.006	0.006	0	0.072	0.003	0	---	---	5
6	---	---	0 B	0 B	0.006	0.004	0	0.052	0.005	0	---	---	6
7	---	---	0 B	0 B	0.005	0.003	0	0.038	0.007	0	---	---	7
8	---	---	0 B	- B	0.004	0.001	0	0.033	0.002	0	---	---	8
9	---	---	0 B	- B	0.004	0	0	0.024	0	0	---	---	9
10	---	---	0 B	0 B	0.003	0	0	0.020	0	0	---	---	10
11	---	---	0 B	0.020B	0.001	0	0	0.184	0	0	---	---	11
12	---	---	0 B	0.255B	0	0	0	0.061	0	0	---	---	12
13	---	---	0 B	0.351B	0.002	0	0	0.033	0	0	---	---	13
14	---	---	0 B	0.480	0.002	0	0	0.026	0	0	---	---	14
15	---	---	0 B	0.613	0.002	0	0	0.014	0	0	---	---	15
16	---	---	0 B	1.16	0.002	0	0	0.011	0	0	---	---	16
17	---	---	0 B	1.00	0.004	0	0	0.009	0	0	---	---	17
18	---	---	0 B	0.698	0.004	0	0	0.008	0	0	---	---	18
19	---	---	0 B	0.515	0.004	0	0	0.008	0	0	---	---	19
20	---	---	0 B	0.432	0.003	0	0	0.007	0	0	---	---	20
21	---	---	0 B	0.355	0.004	0	0	0.009	0	0	---	---	21
22	---	---	0 B	0.260	0.003	0	0	0.010	0	0	---	---	22
23	---	---	0 B	0.195	0.004	0	0.483	0.010	0	0	---	---	23
24	---	---	0.002B	0.137	0.004	0	0.545	0.009	0	0	---	---	24
25	---	---	0.001B	0.095	0.001	0	0.466	0.010	0	0	---	---	25
26	---	---	0 B	0.066	0	0	0.402	0.009	0	0	---	---	26
27	---	---	0 B	0.056	0	0	0.345	0.004	0	0	---	---	27
28	---	---	0.002B	0.034	0.005	0	0.294	0.003	0	0	---	---	28
29	---		0.004B	0.023	0.074	0	0.244	0.002	0	0	---	---	29
30	---		0.009B	0.020	0.047	0	0.211	0.001	0	0		---	30
31	---		0.003B		0.029		0.182	0.008		0		---	31
TOTAL	---	---	0.021	6.769	0.257	0.054	3.172	1.171	0.035	0	---	---	TOTAL
MEAN	---	---	0.001	0.226	0.008	0.002	0.102	0.038	0.001	0	---	---	MEAN
MAX	---	---	0.009	1.16	0.074	0.014	0.545	0.184	0.008	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.047
MAXIMUM DAILY, 1.16 ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.21 AT 09:28 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 37 N
LONG 104 33 11 W

DRAINAGE AREA, 505 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	274
FEB	---	AUG	101
MAR	1.81	SEP	3.02
APR	585	OCT	0
MAY	22.2	NOV	---
JUN	4.67	DEC	---

TOTAL DISCHARGE, 992 dam³

ROUGHBARK RESERVOIR NEAR WEYBURN - STATION NO. 05WB016

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	563.914E	---	563.908E	563.910E	567.142	567.116	566.981	567.007	566.873	566.778	566.752A	566.722E	1
2	---	563.917A	563.908E	563.910E	567.135	567.114	566.979	567.001	566.869	566.777	---	---	2
3	---	---	563.908E	563.910E	567.130	567.111	566.974	566.997	566.866	566.778	---	---	3
4	---	---	563.908E	563.910E	567.124	567.107	566.969	566.993	566.862	566.778	---	---	4
5	---	---	563.908E	563.910E	567.118	567.102	566.962	566.989	566.852	566.780	---	---	5
6	---	---	563.908E	563.910E	567.112	567.097	566.957	566.986	566.845	566.780	---	---	6
7	---	---	563.908E	563.910E	567.109	567.093	566.954	566.981	566.843	566.781	---	---	7
8	---	---	563.908E	563.910E	567.108	567.088	566.952	566.975	566.839	566.781	---	---	8
9	---	---	563.908E	563.910E	567.111	567.083	566.951	566.967	566.836	566.779	---	---	9
10	---	---	563.908E	563.910E	567.120	567.080	566.950	566.957	566.833	566.776	---	---	10
11	---	---	563.909E	563.940E	567.126	567.076	566.947	566.949	566.829	566.775	---	---	11
12	---	---	563.909E	564.000E	567.129	567.070	566.945	566.948	566.823	566.772	---	---	12
13	---	---	563.909E	564.100E	567.135	567.066	566.942	566.946	566.817	566.771	---	---	13
14	---	---	563.909E	564.200E	567.138	567.059	566.937	566.944	566.811	566.770	---	---	14
15	---	---	563.909E	564.337A	567.140	567.053	566.933	566.938	566.805	566.770	---	---	15
16	---	---	563.909E	564.490A	567.147	567.045	566.972	566.933	566.801	566.768	---	---	16
17	---	---	563.909E	565.109A	567.149	567.039	567.003	566.928	566.795	566.768	---	---	17
18	---	---	563.909E	566.100E	567.147	567.033	567.045	566.927	566.790	566.767	---	---	18
19	---	---	563.909E	567.100E	567.141	567.023	567.070	566.926	566.784	566.766	---	---	19
20	---	---	563.909E	567.525A	567.138	567.013	567.075	566.924	566.781	566.766	---	---	20
21	---	---	563.909E	567.423A	567.134	567.009	567.072	566.923	566.779	566.766	---	---	21
22	---	---	563.909E	567.360E	567.133	567.007	567.067	566.922	566.774	566.766	---	---	22
23	---	563.908A	563.909E	567.327A	567.133	567.005	567.064	566.920	566.770	566.765	---	---	23
24	---	---	563.909E	567.296	567.132	567.005	567.059	566.915	566.766	566.765	---	---	24
25	---	---	563.909E	567.269A	567.130	567.002	567.056	566.910	566.763	566.765	---	---	25
26	---	---	563.910E	567.242E	567.127	567.000	567.050	566.905	566.760	566.765	---	---	26
27	---	---	563.910E	567.216E	567.128	566.996	567.045	566.900	566.758	566.762	---	---	27
28	---	563.908E	563.910E	567.192E	567.128	566.994	567.036	566.893	566.776	566.758	---	---	28
29	---		563.910E	567.169E	567.129	566.990	567.026	566.886	566.774	566.756	---	566.746A	29
30	---		563.910E	567.151A	567.124	566.986	567.019	566.880	566.777	566.754	566.722A	---	30
31	563.917E		563.910A		567.119		567.013	566.876		566.753		566.744E	31
MEAN	---	---	563.909	565.422	567.130	567.049	567.000	566.940	566.808	566.770	---	---	MEAN
MAX	---	---	563.910	567.525	567.149	567.116	567.075	567.007	566.873	566.781	---	---	MAX
MIN	---	---	563.908	563.910	567.108	566.986	566.933	566.876	566.758	566.753	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 567.525A ON APR 20

MAXIMUM INSTANTANEOUS,
567.550A AT 09:00 CST ON APR 20

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 08 N
LONG 103 43 07 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

ROUND LAKE NEAR WHITEWOOD - STATION NO. 05JM007

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	441.515	441.528	441.510	441.434	442.784	442.629	442.541	442.495	442.317	442.299	442.149	441.740	1
2	441.516	441.528	441.507	441.438	442.755	442.622	442.524	442.490	442.319	442.292	442.141	441.752	2
3	441.514	441.529	441.503	441.442	442.718	442.617	442.524	442.484	442.320	442.288	442.133	441.757	3
4	441.513	441.530	441.500	441.443	442.682	442.607	442.515	442.482	442.319	442.286	442.120	441.758	4
5	441.512	441.530	441.495	441.447	442.647	442.608	442.517	442.479	442.317	442.277	442.106	441.760	5
6	441.511	441.530	441.491	441.450	442.614	442.588	442.506	442.480	442.321	442.250	442.090	441.765	6
7	441.509	441.530	441.487	441.456	442.587	442.575	442.494	442.476	442.321	442.230	442.073	441.769	7
8	441.506	441.528	441.482	441.459	442.567	442.561	442.492	442.463	442.323	442.219	442.050	441.775	8
9	441.506	441.527	441.476	441.463	442.547	442.545	442.487	442.456	442.326	442.211	442.029	441.778	9
10	441.504	441.527	441.471	441.467	442.542	442.530	442.482	442.447	442.333	442.211	442.008	441.775	10
11	441.505	441.526	441.467	441.476	442.538	442.516	442.481	442.435	442.335	442.216	441.984	441.775	11
12	441.505	441.526	441.460	441.493	442.533	442.473	442.472	442.432	442.333	442.220	441.955	441.781	12
13	441.506	441.526	441.455	441.520	442.534	442.369	442.466	442.425	442.331	442.207	441.924	441.785	13
14	441.509	441.528	441.448	441.564	442.537	442.275	442.467	442.414	442.330	442.207	441.903	441.789	14
15	441.506	441.528	441.443	441.613	442.543	442.282	442.462	442.398	442.330	442.205	441.890	441.793	15
16	441.507	441.527	441.441	441.695	442.551	442.313	442.491	442.385	442.331	442.196	441.879	441.798	16
17	441.509	441.528	441.438	441.772	442.562	442.346	442.508	442.375	442.332	442.186	441.870	441.805	17
18	441.510	441.530	441.433	441.846	442.575	442.381	442.486	442.383	442.331	442.171	441.861	441.813	18
19	441.509	441.528	441.427	441.956	442.586	442.418	442.484	442.373	442.328	442.166	441.848	441.819	19
20	441.511	441.527	441.423	442.085	442.597	442.450	442.481	442.365	442.331	442.177	441.839	441.824	20
21	441.512	441.526	441.417	442.222	442.608	442.474	442.478	442.358	442.330	442.187	441.808	441.830	21
22	441.513	441.525	441.414	442.363	442.617	442.494	442.512	442.351	442.331	442.192	441.786	441.839	22
23	441.518	441.524	441.412	442.494	442.624	442.512	442.509	442.348	442.331	442.197	441.782	441.846	23
24	441.520	441.523	441.413	442.612	442.630	442.519	442.519	442.346	442.332	442.195	441.782	441.850	24
25	441.524	441.523	441.413	442.705	442.638	442.524	442.517	442.339	442.331	442.191	441.776	441.857	25
26	441.522	441.517	441.414	442.776	442.642	442.531	442.517	442.331	442.330	442.189	441.767	441.863	26
27	441.524	441.513	441.414	442.817	442.644	442.534	442.518	442.325	442.322	442.185	441.757	441.865	27
28	441.524	441.514	441.419	442.834	442.640	442.536	442.517	442.321	442.320	442.177	441.749	441.866	28
29	441.526		441.419	442.830	442.642	442.536	442.511	442.316	442.315	442.170	441.742	441.868	29
30	441.526		441.426	442.810	442.639	442.533	442.508	442.314	442.305	442.162	441.739	441.871	30
31	441.527		441.430		442.633		442.504	442.312		442.155		441.875	31
MEAN	441.514	441.526	441.450	441.933	442.611	442.497	442.500	442.400	442.326	442.210	441.918	441.808	MEAN
MAX	441.527	441.530	441.510	442.834	442.784	442.629	442.541	442.495	442.335	442.299	442.149	441.875	MAX
MIN	441.504	441.513	441.412	441.434	442.533	442.275	442.462	442.312	442.305	442.155	441.739	441.740	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 442.061
MAXIMUM DAILY, 442.834 ON APR 28
MINIMUM DAILY, 441.412 ON MAR 23
MAXIMUM INSTANTANEOUS,
442.838 AT 11:19 CST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 32 55 N
LONG 102 21 34 W

REGULATED SINCE 1944

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

RUSHLAKE CREEK ABOVE HIGHFIELD RESERVOIR - STATION NO. 05JC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.012B	3.75 B	0.037	0.782	0.471	0.008	0.007	0.003	---	---	1
2	---	---	0.001B	1.65 B	0.032	0.918	8.31	0.007	0.006	0.003	---	---	2
3	---	---	0.019B	1.12 B	0.046	0.785	5.89	0.006	0.005	0.003	---	---	3
4	---	---	0.002B	0.788B	0.042	0.628	2.47	0.004	0.004	0.002	---	---	4
5	---	---	0.021B	0.332B	0.043	0.681	1.46	0.003	0.004	0.003	---	---	5
6	---	---	0.001B	0.170B	0.048	0.451	1.09	0.002	0.004	0.014	---	---	6
7	---	---	0.001B	0.172B	0.044	0.282	0.766	0.002	0.003	0.015	---	---	7
8	---	---	0.038B	0.138B	0.042	0.196	0.540	0.002	0.003	0.010	---	---	8
9	---	---	0.103B	0.125B	0.041	0.125	0.320	0.002	0.005	0.010	---	---	9
10	---	---	0.197B	0.631B	0.054	0.102	0.171	0.001	0.004	0.010	---	---	10
11	---	---	1.19 B	5.65 B	0.089	0.083	0.132	0.001	0.003	0.007	---	---	11
12	---	---	4.23 B	13.4 B	0.052	0.076	0.098	0.001	0.002	0.006	---	---	12
13	---	---	3.34 B	8.49	0.049	0.067	0.076	0.001	0.001	0.006	---	---	13
14	---	---	5.78 B	5.50	0.046	0.054	0.067	0.001	0.001	0.004	---	---	14
15	---	---	10.0 B	2.43	0.041	0.052	0.054	0.001	0.001	0.004	---	---	15
16	---	---	4.08 B	1.71	0.043	0.065	0.062	0.001	0.001	0.004	---	---	16
17	---	---	1.40 B	1.29	0.051	0.049	0.116	0.083	0.001	0.004	---	---	17
18	---	---	0.427B	0.963	0.061	0.050	0.177	3.60	0	0.005	---	---	18
19	---	---	0.670B	0.724	0.064	0.040	0.150	1.81	0	0.006	---	---	19
20	---	0 B	0.732B	0.479	0.068	0.040	0.102	0.454	0	0.008	---	---	20
21	---	0.010B	0.656B	0.266	0.069	0.029	0.073	0.177	0	0.010	---	---	21
22	---	0.050B	0.536B	0.199	0.066	0.035	0.061	0.093	0	0.016	---	---	22
23	---	0.100B	0.516B	0.207	0.063	0.040	0.052	0.054	0	0.016	---	---	23
24	---	0.200B	0.437B	0.153	0.058	0.029	0.044	0.039	0	0.015	---	---	24
25	---	0.300B	0.380B	0.106	0.060	0.034	0.037	0.027	0	0.016	---	---	25
26	---	0.110B	0.299B	0.067	0.060	0.022	0.032	0.023	0	0.017	---	---	26
27	---	0.058B	1.37 B	0.058	0.059	0.014	0.029	0.018	0	0.014A	---	---	27
28	---	0.055B	4.37 B	0.052	0.092	0.012	0.024	0.012	0	0.014E	---	---	28
29	---		5.40 B	0.049	0.193	0.010	0.018	0.010	0.002	0.014E	---	---	29
30	---		7.78 B	0.037	0.212	0.014	0.015	0.009	0.002	0.014E	---	---	30
31	---		4.80 B		0.410		0.011	0.008		0.014E		---	31
TOTAL	---	---	58.788	50.706	2.295	5.765	22.918	6.460	0.059	0.286	---	---	TOTAL
MEAN	---	---	1.90	1.69	0.074	0.192	0.739	0.208	0.002	0.009	---	---	MEAN
MAX	---	---	10.0	13.4	0.410	0.918	8.31	3.60	0.007	0.017	---	---	MAX
MIN	---	---	0.001	0.037	0.032	0.010	0.011	0.001	0	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.601
MAXIMUM DAILY, 13.4B ON APR 12
MINIMUM DAILY, 0 ON SEP 18
MAXIMUM INSTANTANEOUS,
18.3 AT 19:50 CST ON JUL 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 12 N
LONG 107 28 06 W
DRAINAGE AREA, 323 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 980
FEB	---	AUG	558
MAR	5 080	SEP	5.10
APR	4 380	OCT	24.7
MAY	198	NOV	---
JUN	498	DEC	---

TOTAL DISCHARGE, 12 700 dam³

RUSSELL CREEK NEAR VANGUARD - STATION NO. 05JB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.126B	0.191	0.385	0.032	0.006	0	0.010	---	---	1
2	---	---	0 B	0.094B	0.173	0.373	0.055	0.005	0	0.009	---	---	2
3	---	---	0 B	0.062B	0.120	0.390	0.129	0.001	0	0.007	---	---	3
4	---	---	0 B	0.070B	0.070	0.410	0.193	0	0.026	0.004	---	---	4
5	---	---	0 B	0.094B	0.047	0.360	1.47	0	0.037	0.003	---	---	5
6	---	---	0 B	0.090B	0.030	0.322	0.943	0	0.037	0.001	---	---	6
7	---	---	0 B	0.102B	0.029	0.289	0.600	0	0.042	0	---	---	7
8	---	---	0 B	0.136B	0.033	0.281	0.465	0	0.027	0	---	---	8
9	---	---	0 B	0.234B	0.032	0.259	0.378	0	0.017	0	---	---	9
10	---	---	0 B	0.188B	0.032	0.233	0.311	0	0.013	0	---	---	10
11	---	---	0 B	0.250B	0.030	0.201	0.244	0	0.008	0	---	---	11
12	---	---	0 B	0.419B	0.030	0.163	0.202	0	0.006	0	---	---	12
13	---	---	0 B	0.302B	0.030	0.133	0.172	0	0.005	0.036	---	---	13
14	---	---	0 B	0.259B	0.171	0.131	0.146	0	0.045	0.104	---	---	14
15	---	---	0.012B	0.210B	0.183	0.099	0.118	0	0.084	0.082	---	---	15
16	---	---	0.018B	0.146B	0.181	0.087	0.098	0	0.071	0.063	---	---	16
17	---	---	0.015B	0.541B	0.178	0.074	0.086	0	0.064	0.048	---	---	17
18	---	---	0.015B	0.791B	0.170	0.064	0.071	0	0.059	0.041	---	---	18
19	---	---	0.021B	4.92	0.163	0.056	0.061	0	0.049	0.033	---	---	19
20	---	---	0.033B	9.49	0.154	0.053	0.050	0	0.031	0.023	---	---	20
21	---	---	0.025B	1.95	0.137	0.050	0.043	0	0.025	0.013	---	---	21
22	---	---	0.015B	1.30	0.125	0.045	0.036	0	0.023	0.008	---	---	22
23	---	---	0.016B	3.04	0.115	0.044	0.031	0	0.025	0.006	---	---	23
24	---	---	0.018B	6.57	0.080	0.043	0.023	0	0.027	0.089	---	---	24
25	---	---	0.025B	5.04	0.062	0.039	0.021	0	0.026	0.080	---	---	25
26	---	---	0.053B	2.91	0.059	0.035	0.018	0	0.023	0.054	---	---	26
27	---	---	0.088B	1.54	0.053	0.034	0.015	0	0.018	0.032A	---	---	27
28	---	---	0.180B	0.857	0.192	0.028	0.011	0	0.017	0.020E	---	---	28
29	---		0.249B	1.25	0.266	0.025	0.008	0	0.016	0.015E	---	---	29
30	---		0.253B	0.288	0.386	0.026	0.007	0	0.013	0.010E	---	---	30
31	---		0.163B		0.456		0.006	0		0.005E		---	31
TOTAL	---	---	1.199	40.269	3.978	4.732	6.043	0.012	0.834	0.796	---	---	TOTAL
MEAN	---	---	0.039	1.34	0.128	0.158	0.195	0	0.028	0.026	---	---	MEAN
MAX	---	---	0.253	9.49	0.456	0.410	1.47	0.006	0.084	0.104	---	---	MAX
MIN	---	---	0	0.062	0.029	0.025	0.006	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.236
MAXIMUM DAILY, 9.49 ON APR 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.0 AT 06:12 CST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 18 N
LONG 107 22 16 W
DRAINAGE AREA, 313 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	522
FEB	---	AUG	1.04
MAR	104	SEP	72.1
APR	3 480	OCT	68.8
MAY	344	NOV	---
JUN	409	DEC	---

TOTAL DISCHARGE, 5 000 dam³

RUSSELL CREEK RESERVOIR - STATION NO. 05JB006

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	769.373	769.113	769.172	768.972	769.056	768.516	767.958	---	---	1
2	---	---	---	769.296	769.111	769.164	769.108	769.049	768.472	767.981	---	---	2
3	---	---	---	769.228	769.109	769.148	769.864	769.039	768.425	767.993	---	---	3
4	---	---	---	769.185	769.101	769.136	769.300	769.033	768.376	767.997	---	---	4
5	---	---	---	769.156	769.099	769.134	769.201	769.029	768.337	767.977	---	---	5
6	---	---	---	769.144	769.109	769.120	769.157	769.022	768.302	767.932	---	---	6
7	---	---	---	769.133	769.110	769.118	769.136	769.008	768.269	767.896	---	---	7
8	---	---	---	769.128	769.112	769.117	769.122	769.000	768.233	767.874	---	---	8
9	---	---	---	769.124	769.111	769.114	769.113	768.988	768.198	767.874	---	---	9
10	---	---	---	769.124	769.114	769.111	769.111	768.977	768.179	767.878	---	---	10
11	---	---	---	769.229	769.120	769.107	769.108	768.973	768.160	767.884	---	---	11
12	---	---	---	769.533	769.121	769.105	769.105	768.977	768.141	767.890	---	---	12
13	---	---	---	769.483	769.122	769.104	769.107	768.971	768.129	767.886	---	---	13
14	---	---	---	769.412	769.119	769.103	769.108	768.967	768.119	767.848	---	---	14
15	---	---	---	769.291	769.118	769.102	769.100	768.954	768.110	767.805	---	---	15
16	---	---	769.193A	769.214	769.114	769.102	769.100	768.949	768.091	767.771	---	---	16
17	---	---	769.241	769.187	769.114	769.098	769.106	768.944	768.051	767.731	---	---	17
18	---	---	769.181	769.170	769.114	769.099	769.112	768.948	768.009	767.706	---	---	18
19	---	---	769.158	769.149	769.115	769.093	769.111	768.941	767.985	767.717	---	---	19
20	---	---	769.144	769.138	769.117	769.091	769.108	768.929	767.979	767.722	---	---	20
21	---	---	769.135	769.137	769.118	769.092	769.105	768.893	767.975	767.730	---	---	21
22	---	---	769.132	769.137	769.121	769.089	769.099	768.852	767.968	767.741	---	---	22
23	---	---	769.127	769.137	769.121	769.073	769.087	768.811	767.964	767.756	---	---	23
24	---	765.807A	769.120	769.132	769.115	769.021	769.081	768.773	767.959	767.768	---	---	24
25	---	---	769.119	769.129	769.118	768.996	769.085	768.740	767.953	767.779	---	---	25
26	---	---	769.124	769.127	769.110	768.991	769.082	768.719	767.949	767.792	---	---	26
27	---	---	769.135	769.124	769.109	768.981	769.084	768.690A	767.943	767.804A	---	---	27
28	---	---	769.228	769.122	769.122	768.980	769.079	768.659E	767.945	767.804E	---	---	28
29	---		769.421	769.118	769.135	768.975	769.073	768.624E	767.949	767.804E	---	---	29
30	---		769.545	769.113	769.136	768.970	769.066	768.590E	767.954	767.804E	---	---	30
31	---		769.484		769.152		769.060	768.556A		767.804E		---	31
MEAN	---	---	---	769.199	769.117	769.084	769.118	768.892	768.121	767.836	---	---	MEAN
MAX	---	---	---	769.533	769.152	769.172	769.464	769.056	768.516	767.997	---	---	MAX
MIN	---	---	---	769.113	769.099	768.970	768.972	768.556	767.943	767.706	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 769.545 ON MAR 30

MAXIMUM INSTANTANEOUS,
769.637 AT 19:03 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 56 N
LONG 107 30 40 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM RECORDED WATER LEVEL MAY HAVE BEEN EXCEEDED BEFORE MAR 16

SALINE CREEK NEAR NOKOMIS - STATION NO. 05JJ009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.189	0.426	0.007	0.020	0	0	---	---	1
2	---	---	0B	0 B	0.202	0.404	0.007	0.006	0	0	---	---	2
3	---	---	0B	0 B	0.153	0.408	0.007	0.007	0	0	---	---	3
4	---	---	0B	0 B	0.148	0.377	0.009	0.011	0	0	---	---	4
5	---	---	0B	0 B	0.139	0.344	0.009	0.003	0	0	---	---	5
6	---	---	0B	0 B	0.126	0.335	0.008	0.002	0	0	---	---	6
7	---	---	0B	0 B	0.070	0.254	0.006	0	0	0	---	---	7
8	---	---	0B	0 B	0.067	0.262	0.003	0	0	0	---	---	8
9	---	---	0B	0 B	0.064	0.276	0.002	0	0	0	---	---	9
10	---	---	0B	0 B	0.066	0.226	0	0	0	0	---	---	10
11	---	---	0B	0.033B	0.065	0.213	0	0	0	0	---	---	11
12	---	---	0B	0.158B	0.089	0.199	0	0	0	0	---	---	12
13	---	---	0B	0.666B	0.099	0.187	0	0	0	0	---	---	13
14	---	---	0B	1.80	0.076	0.158	0.035	0	0	0	---	---	14
15	---	---	0B	2.20	0.062	0.137	0.494	0	0	0	---	---	15
16	---	---	0B	2.06	0.051	0.139	0.522	0	0	0	---	---	16
17	---	---	0B	1.71	0.064	0.130	0.474	0	0	0	---	---	17
18	---	---	0B	1.37	0.067	0.110	0.436	0	0	0	---	---	18
19	---	---	0B	1.11	0.066	0.113	0.408	0	0	0	---	---	19
20	---	---	0B	0.927	0.070	0.100	0.358	0	0	0	---	---	20
21	---	---	0B	0.791	0.089	0.066	0.277	0	0	0	---	---	21
22	---	---	0B	0.681	0.095	0.051	0.254	0	0	0	---	---	22
23	---	---	0B	0.594	0.110	0.047	0.285	0	0	0	---	---	23
24	---	---	0B	0.512	0.129	0.042	0.211	0	0	0	---	---	24
25	---	---	0B	0.435	0.093	0.027	0.178	0	0	0	---	---	25
26	---	---	0B	0.402	0.121	0.020	0.143	0	0	0	---	---	26
27	---	---	0B	0.368	0.075	0.013	0.123	0	0	0	---	---	27
28	---	---	0B	0.333	0.066	0.012	0.090	0	0	0	---	---	28
29	---		0B	0.347	0.248	0.010	0.076	0	0	0	---	---	29
30	---		0B	0.242	0.384	0.008	0.044	0	0	0	---	---	30
31	---		0B		0.459		0.034	0		0		---	31
TOTAL	---	---	0	16.739	3.802	5.094	4.500	0.049	0	0	---	---	TOTAL
MEAN	---	---	0	0.558	0.123	0.170	0.145	0.002	0	0	---	---	MEAN
MAX	---	---	0	2.20	0.459	0.426	0.522	0.020	0	0	---	---	MAX
MIN	---	---	0	0	0.051	0.008	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.123
MAXIMUM DAILY, 2.20 ON APR 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.36 AT 09:24 CST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 58 N
LONG 105 06 10 W
DRAINAGE AREA, 950 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	389
FEB	---	AUG	4.23
MAR	0	SEP	0
APR	1 450	OCT	0
MAY	328	NOV	---
JUN	440	DEC	---

TOTAL DISCHARGE, 2 610 dam³

SANDY CREEK NEAR CARON - STATION NO. 05JG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.022	0.720	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.004	0.320	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.001	0.175	0	0	0	0	---	---	3
4	---	---	0B	0 B	0	0.113	0	0	0	0	---	---	4
5	---	---	0B	0 B	0	0.080	0	0	0	0	---	---	5
6	---	---	0B	0 B	0	0.039	0	0	0	0	---	---	6
7	---	---	0B	0 B	0	0.019	0	0	0	0	---	---	7
8	---	---	0B	0 B	0	0.008	0	0	0	0	---	---	8
9	---	---	0B	0 B	0	0.003	0	0	0	0	---	---	9
10	---	---	0B	0 B	0	0.001	0	0	0	0	---	---	10
11	---	---	0B	0 B	0	0	0	0	0	0	---	---	11
12	---	---	0B	0.433B	0	0	0	0	0	0	---	---	12
13	---	---	0B	6.95	0	0	0	0	0	0	---	---	13
14	---	---	0B	10.6	0	0	0	0	0	0	---	---	14
15	---	---	0B	10.2	0	0	0	0	0	0	---	---	15
16	---	---	0B	8.34	0	0	0	0	0	0	---	---	16
17	---	---	0B	6.44	0	0	0	0	0	0	---	---	17
18	---	---	0B	4.51	0	0	0	0	0	0	---	---	18
19	---	---	0B	2.90	0	0	0	0	0	0	---	---	19
20	---	---	0B	1.81	0	0	0	0	0	0	---	---	20
21	---	---	0B	1.01	0	0	0	0	0	0	---	---	21
22	---	---	0B	0.518	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.301	0	0	0	0	0	0	---	---	23
24	---	---	0B	0.359	0	0	0	0	0	0	---	---	24
25	---	---	0B	0.324	0	0	0	0	0	0	---	---	25
26	---	---	0B	0.274	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.177	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.137	0.003	0	0	0	0	0	---	---	28
29	---		0B	0.105	0.043	0	0	0	0	0	---	---	29
30	---		0B	0.052	0.636	0	0	0	0	0	---	---	30
31	---		0B		1.28		0	0		0		---	31
TOTAL	---	---	0	55.440	1.989	1.478	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	1.85	0.064	0.049	0	0	0	0	---	---	MEAN
MAX	---	---	0	10.6	1.28	0.720	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.240
MAXIMUM DAILY, 10.6 ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
10.9 AT 21:26 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 09 N
LONG 106 01 45 W
DRAINAGE AREA, 678 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	4 790	OCT	0
MAY	172	NOV	---
JUN	128	DEC	---

TOTAL DISCHARGE, 5 090 dam³

SASKATCHEWAN RIVER BELOW TOBIN LAKE - STATION NO. 05KD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	254	546	528	563	819	535	270	504	418	383	372	248	1
2	233	551	580	470	897	556	302	494	388	359	447	223	2
3	446A	532	522	413	831	584	299	580	392	209	414	175	3
4	530E	576	527	378	713	534	257	662	199	316	451	163	4
5	510E	494	448	431	807	360	438	675	169	351	437	227	5
6	495E	485	487	379	843	458	619	544	207	319	380	345	6
7	470E	417	516	264	587	509	737	351	364	370	371	396	7
8	440E	551	410	256	447	524	780	308	370	320	450	439	8
9	385E	519	407	235	288	491	829	488	416	349	424	434	9
10	600E	460	383	253	488	525	815	505	379	173	403	354	10
11	575E	529	379	289	376	552	836	643	212	298	333	227	11
12	540E	543	399	295	563	538	859	546	193	260	374	195	12
13	531A	504	364	311	560	408	943	511	316	324	329	377	13
14	311	461	272	293	580	550	978	348	260	327	264	389	14
15	535	491	450	334	485	576	884	215	337	330	157	524	15
16	484	392	371	446	417	522	871	392	347	509	231	284	16
17	493	372	547	671	423	448	962	403	297	432	187	290	17
18	630	592	513	619	554	270	873	358	343	400	167	212	18
19	582	479	427	568	499	388	836	367	176	404	194	332	19
20	498	427	379	507	405	508	813	359	262	496	173	435	20
21	593	515	303	545	543	658	750	178	285	576	180	432	21
22	485	656	507	511	323	457	760	184	387	411	225	416	22
23	544	633	540	529	328	293	724	372	316	195	224	369	23
24	599	426	517	501	417	481	874	339	445	182	234	326	24
25	535	464	524	434	415	455	757	306	245	233	218	315	25
26	461	524	583	500	512	328	722	277	233	215	276	314	26
27	514	401	598	621	444	361	761	271	404	455	198	376	27
28	476	399	518	658	481	348	565	217	425	450	191	381	28
29	524		542	801	289	478	659	229	264	564	232	392	29
30	603		471	741	314	313	714	412	297	433	204	393	30
31	436		507		344		515	325		304		347	31
TOTAL	15 312	13 899	14 519	13 816	15 992	14 008	22 002	12 363	9 346	10 947	8 740	10 330	TOTAL
MEAN	494	496	468	461	516	467	710	399	312	353	291	333	MEAN
MAX	630	656	598	801	897	658	978	675	445	576	451	524	MAX
MIN	233	372	272	235	288	270	257	178	169	173	157	163	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 442
MAXIMUM DAILY, 978 ON JUL 14
MINIMUM DAILY, 157 ON NOV 15
MAXIMUM INSTANTANEOUS,
1 100 AT 18:34 CST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 42 10 N
LONG 103 17 50 W
DRAINAGE AREA, 289 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 320 000	JUL	1 900 000
FEB	1 200 000	AUG	1 070 000
MAR	1 250 000	SEP	807 000
APR	1 190 000	OCT	946 000
MAY	1 380 000	NOV	755 000
JUN	1 210 000	DEC	893 000

TOTAL DISCHARGE, 13 900 000 dam³

SASKATCHEWAN RIVER NEAR MANITOBA BOUNDARY - STATION NO. 05KH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	318B	427B	431B	454B	1 190E	527	520	792	410	345	409E	246B	1
2	320B	417B	418B	456B	1 120E	529	524	779	415	330	385E	253B	2
3	311B	420B	427B	447B	1 050A	534	526	748	431	359	396E	248B	3
4	307B	431B	441B	436B	1 050	560	475	712	443	398	374B	233B	4
5	311B	435B	444B	428B	1 010	581	445	703	448	369	376B	219B	5
6	317B	441B	443B	421B	993	589	471	708	407	353	376B	212B	6
7	321B	438B	435B	416B	1 010	594	492	712	371	366	376B	216B	7
8	322B	424B	425B	404B	987	570	523	721	360	377	383B	221B	8
9	326B	413B	427B	382B	953A	573	577	661	386	377	386B	227B	9
10	335B	426B	421B	359B	917E	582	615	608	399	378	386B	232B	10
11	364B	436B	407B	338B	881E	593	647	591	401	366	389B	241B	11
12	391B	436B	399B	326B	844E	588	685	598	382	339	386B	245B	12
13	395B	441B	388B	322B	808E	598	716	623	381	334	386B	239B	13
14	385B	451B	382B	322B	771A	607	742	636	362	332	377B	241B	14
15	376B	454B	375B	327B	770	593	795	636	336	343	352B	246B	15
16	381B	450B	360B	334B	769	600	805	589	332	355	326B	279B	16
17	388B	447B	360B	358B	748	618	842	547	366	403	304B	319B	17
18	395B	436B	368B	391B	716	600	841	534	372	436	280B	333B	18
19	409B	426B	383B	435B	697	589	842	530	387	418	259B	325B	19
20	423B	438B	399B	471B	680	564	840	517	361	392	232B	315B	20
21	431B	446B	399B	507B	664	552	845	501	324	401	214B	289B	21
22	438B	437B	385B	613B	643	567	837	491	319	436	203B	307B	22
23	443B	441B	371B	722B	627	610	820	451	345	458	203B	301B	23
24	449B	463B	380B	853B	596	604	815	438	350	441	205B	301B	24
25	457B	476B	403B	974B	566	560	824	443	339	400	213B	295B	25
26	459B	460B	419B	1 140	554	553	836	428	371	372	221B	292B	26
27	454B	448B	430B	1 220	585	556	831	419	365	357	230B	290B	27
28	452B	445B	444B	1 410	602	543	820	406	374	357	233B	290B	28
29	448B		454B	1 340E	625	526	817	393	428	377	233B	292B	29
30	454B		458B	1 270E	609	522	783	383	401	378	235B	315B	30
31	458B		456B		559		786	397		390A		324B	31
TOTAL	12 038	12 303	12 732	17 876	24 594	17 182	21 935	17 695	11 366	11 737	9 328	8 386	TOTAL
MEAN	388	439	411	596	793	573	708	571	379	379	311	271	MEAN
MAX	459	476	458	1 410	1 190	618	845	792	448	458	409	333	MAX
MIN	307	413	360	322	554	522	445	383	319	330	203	212	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 485
MAXIMUM DAILY, 1 410 ON APR 28
MINIMUM DAILY, 203B ON NOV 22
MAXIMUM INSTANTANEOUS,
1 460 AT 09:55 CST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 53 10 N
LONG 101 49 40 W
DRAINAGE AREA, 329 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 040 000	JUL	1 900 000
FEB	1 060 000	AUG	1 530 000
MAR	1 100 000	SEP	982 000
APR	1 540 000	OCT	1 010 000
MAY	2 120 000	NOV	806 000
JUN	1 480 000	DEC	725 000

TOTAL DISCHARGE, 15 300 000 dam³

SASKATCHEWAN RIVER OLD CHANNEL - STATION NO. 05KH009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.4 B	11.6 B	9.82B	18.1 B	49.2 B	17.0 E	6.54	8.66	11.8 E	6.41	5.22	6.49B	1
2	8.39B	25.1 B	24.6 B	11.8 B	69.9 B	16.5 E	1.70	17.0	11.7 A	12.8	13.3	9.21B	2
3	12.9 B	19.3 B	20.7 B	14.0 B	72.4 B	16.0 E	3.30	19.4	11.0	8.33	11.4	6.68B	3
4	37.3 B	17.8 B	15.4 B	12.8 B	41.6 B	15.5 E	5.29	29.7	9.21	1.43	11.3	3.81B	4
5	48.2 B	20.8 B	17.5 B	13.6 B	55.0 B	15.0 E	5.36	43.0	1.16	6.43	13.1	3.39B	5
6	43.6 B	8.47B	6.15B	17.5 B	70.2 B	7.10E	28.6	38.4	0.834	8.70	10.5	10.0 B	6
7	32.6 B	5.70B	12.2 B	13.9 B	45.5 B	11.0 E	51.8	18.2	1.55	5.82	6.51	20.6 B	7
8	30.6 B	11.3 B	15.1 B	11.5 B	24.4	13.5 E	69.8	4.91	10.2	5.26	8.15	34.5 B	8
9	18.7 B	18.6 B	5.79B	12.8 B	6.17	14.2 E	78.9	3.51	7.00	7.00	12.2	54.7 B	9
10	17.8 B	14.5 B	7.12B	11.3 B	6.46	16.1 A	80.6	19.3	17.2	4.77	9.47	33.2 B	10
11	74.1 B	13.5 B	5.45B	13.0 B	13.2	19.4	80.3	31.9	5.15	0.989	9.15	22.4 B	11
12	23.1 B	23.2 B	5.46B	15.5 B	11.8	21.7	87.9	39.2	1.61	5.86	6.58	8.46B	12
13	9.32B	20.6 B	7.68B	17.1 B	27.4	18.3	93.6	24.5 A	1.34	4.12	8.50	9.43B	13
14	7.00B	16.3 B	3.18B	17.9 B	24.6	15.7	120	14.5 E	6.08	5.90	4.25	30.1 B	14
15	10.9 B	12.7 B	3.31B	16.3 B	24.7	22.2	92.6	3.00E	2.12	6.15	3.52	56.0 B	15
16	24.4 B	13.8 B	9.37B	14.5 B	13.6	26.5	92.1	10.5 E	7.58	13.0	1.80	43.3 B	16
17	13.8 B	6.61B	8.32B	19.4 B	7.51	17.1	106	10.7 E	6.53	25.3	2.94B	12.7 B	17
18	33.8 B	12.3 B	21.4 B	18.9 B	11.0	7.53	95.9	9.50E	4.90	16.8	2.45B	11.8 B	18
19	42.2 B	28.2 B	14.1 B	15.1 B	15.6	3.21	81.1	8.60E	7.43	13.3	2.19B	6.07B	19
20	26.0 B	11.6 B	9.44B	8.30B	11.4 A	17.5	73.1	10.9 E	0.780	24.7	3.17B	12.5 B	20
21	24.7 B	9.70B	3.46B	8.64B	7.40E	28.7	59.6	9.00E	2.61	20.5	4.11B	28.2 B	21
22	26.2 B	32.4 B	7.10B	10.9 B	8.00E	35.7	55.7	3.50E	5.71	23.1	5.81B	19.9 B	22
23	17.6 B	43.5 B	20.8 B	14.3 B	3.50E	8.00	51.4	6.00E	6.94	6.83	9.09B	19.0 B	23
24	21.2 B	20.6 B	22.6 B	21.5 B	5.50E	9.37	78.1	9.90E	4.11	1.97	7.77B	13.6 B	24
25	32.4 B	11.4 B	20.5 B	20.2 B	7.20E	19.6	58.9	10.0 E	17.5	1.47	9.24B	13.8 B	25
26	16.8 B	12.0 B	30.1 B	19.3 B	10.6 E	11.8	53.8	7.20E	2.31	1.89	7.64B	3.63B	26
27	13.6 B	14.0 B	34.0 B	38.2 B	13.0 E	9.50	51.6	5.00E	4.67	3.91	9.69B	10.1 B	27
28	14.3 B	6.43B	31.0 B	28.0 B	15.5 E	10.4	35.7	4.20E	15.1	18.3	5.57B	14.3 B	28
29	10.1 B		25.3 B	59.1 B	7.10E	15.8	35.8	4.30E	12.4	24.6	5.72B	14.0 B	29
30	27.3 B		23.2 B	46.4 B	6.30E	12.1	39.6	7.10E	3.66	32.9	8.10B	11.6 B	30
31	15.5 B		28.5 B		7.10E		43.9	11.9 E		9.90		15.2 B	31
TOTAL	766.81	462.01	468.65	559.84	692.84	472.01	1 818.59	443.48	200.184	328.439	218.44	558.67	TOTAL
MEAN	24.7	16.5	15.1	18.7	22.3	15.7	58.7	14.3	6.67	10.6	7.28	18.0	MEAN
MAX	74.1	43.5	34.0	59.1	72.4	35.7	120	43.0	17.5	32.9	13.3	56.0	MAX
MIN	7.00	5.70	3.18	8.30	3.50	3.21	1.70	3.00	0.780	0.989	1.80	3.39	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.2
MAXIMUM DAILY, 120 ON JUL 14
MINIMUM DAILY, 0.780 ON SEP 20
MAXIMUM INSTANTANEOUS,
128 AT 04:25 CST ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 50 N
LONG 102 58 20 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	66 300	JUL	157 000
FEB	39 900	AUG	38 300
MAR	40 500	SEP	17 300
APR	48 400	OCT	28 400
MAY	59 900	NOV	18 900
JUN	40 800	DEC	48 300

TOTAL DISCHARGE, 604 000 dam³

SASKATOON S.E. PROJECT DIVERSION TO LITTLE MANITOU LAKE - STATION NO. 05JJ006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.050	0	0	0	0	---	---	1
2	---	---	0	0	0	0.050	0	0	0	0	---	---	2
3	---	---	0	0	0	0.050	0	0	0	0	---	---	3
4	---	---	0	0	0	0.050	0	0	0	0	---	---	4
5	---	---	0	0	0	0.054	0	0	0	0	---	---	5
6	---	---	0	0	0	0.072	0	0	0	0	---	---	6
7	---	---	0	0	0	0.076	0	0	0	0	---	---	7
8	---	---	0	0	0	0.125	0	0	0	0	---	---	8
9	---	---	0	0	0	0.085	0	0	0	0	---	---	9
10	---	---	0	0	0	0.089	0	0	0	0	---	---	10
11	---	---	0	0	0.080	0.080	0	0	0	0	---	---	11
12	---	---	0	0	0.130	0.080	0	0	0	0	---	---	12
13	---	---	0	0	0.085	0.105	0	0	0	0	---	---	13
14	---	---	0	0	0.085	0.089	0	0	0	0	---	---	14
15	---	---	0	0	0.085	0.085	0	0	0	0	---	---	15
16	---	---	0	0	0.064	0.085	0	0	0	0	---	---	16
17	---	---	0	0	0.097	0.072	0	0	0	0	---	---	17
18	---	---	0	0	0.057	0.072	0	0	0	0	---	---	18
19	---	---	0	0	0.047	0.076	0	0	0	0	---	---	19
20	---	---	0	0	0.064	0.064	0	0	0	0	---	---	20
21	---	---	0	0	0.050	0.002	0	0	0	0	---	---	21
22	---	---	0	0	0	0.177	0	0	0	0	---	---	22
23	---	---	0	0	0.120	0	0	0	0	0	---	---	23
24	---	---	0	0	0.110	0.105	0	0	0	0	---	---	24
25	---	---	0	0	0.093	0.130	0	0	0	0	---	---	25
26	---	---	0	0	0.110	0.080	0	0	0	0	---	---	26
27	---	---	0	0	0	0.010	0	0	0	0	---	---	27
28	---	---	0	0	0.064	0	0	0	0	0	---	---	28
29	---		0	0	0.150	0	0	0	0	0	---	---	29
30	---		0	0	0.057	0	0	0	0	0	---	---	30
31	---		0		0.037		0	0		0		---	31
TOTAL	---	---	0	0	1.585	2.013	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.051	0.067	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.150	0.177	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.015
MAXIMUM DAILY, 0.177 ON JUN 22
MINIMUM DAILY, 0 ON MAR 1

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 45 21 N
LONG 105 38 56 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	137	NOV	---
JUN	174	DEC	---

TOTAL DISCHARGE, 311 dam³

SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW BLACKSTRAP RESERVOIR - STATION NO. 05HG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0E	0E	0	0.274	0.241	0.315	0.267	1.07	---	---	1
2	---	---	0E	0E	0	0.002	0.222	0.291	0.283	1.05	---	---	2
3	---	---	0E	0E	0	0.001	0.168	0.274	0.297	1.02	---	---	3
4	---	---	0E	0E	0.431	0.001	0.141	0.285	0.305	0.522	---	---	4
5	---	---	0E	0E	1.03	0.001	0.415	0.296	0.336	0.022	---	---	5
6	---	---	0E	0E	0.648	0.001	0.541	0.292	0.361	0.019	---	---	6
7	---	---	0E	0E	0.308	0.001	0.336	0.296	0.368	0.008	---	---	7
8	---	---	0E	0E	0.314	0.001	0.234	0.313	0.375	0.006	---	---	8
9	---	---	0E	0E	0.315	0.001	0.477	0.324	0.565	0.004	---	---	9
10	---	---	0E	0E	0.288	0.001	0.501	0.317	0.919	0.002	---	---	10
11	---	---	0E	0E	0.267	0.001	0.531	0.261	0.893	0.001	---	---	11
12	---	---	0E	0E	0.317	0.001	0.560	0.223	0.843	0	---	---	12
13	---	---	0E	0E	0.345	0.001	0.592	0.167	1.02	0	---	---	13
14	---	---	0E	0E	0.341	0.375	0.358	0.029	1.46	0	---	---	14
15	---	---	0E	0E	0.321	0.652	0.143	0.022	1.49	0	---	---	15
16	---	---	0E	0E	0.311	0.551	0.097	0.131	1.50	0	---	---	16
17	---	---	0E	0E	0.268	0.555	0.093	0.255	1.52	0	---	---	17
18	---	---	0E	0E	0.279	0.557	0.092	0.254	1.49	0	---	---	18
19	---	---	0E	0E	0.409	0.560	0.143	0.239	1.47	0	---	---	19
20	---	---	0E	0E	0.754	0.566	0.194	0.236	1.25	0	---	---	20
21	---	---	0E	0E	0.745	0.574	0.202	0.208	0.489	0	---	---	21
22	---	---	0E	0E	0.741	0.528	0.164	0.207	0.278	0	---	---	22
23	---	---	0E	0E	0.674	0.396	0.170	0.251	0.340	0	---	---	23
24	---	---	0E	0E	0.665	0.372	0.301	0.315	0.741	0	---	---	24
25	---	---	0E	0E	0.704	0.335	0.329	0.262	1.09	0	---	---	25
26	---	---	0E	0E	0.779	0.341	0.361	0.243	1.06	0	---	---	26
27	---	---	0E	0E	0.796	0.323	0.365	0.232	1.07	0	---	---	27
28	---	---	0E	0E	0.828	0.322	0.362	0.202	1.07	0	---	---	28
29	---		0E	0	0.904	0.295	0.314	0.199	1.09	0	---	---	29
30	---		0E	0	0.831	0.262	0.308	0.212	1.09	0	---	---	30
31	---		0E		0.625		0.320	0.242		0		---	31
TOTAL	---	---	0	0	15.238	7.851	9.275	7.393	25.290	3.724	---	---	TOTAL
MEAN	---	---	0	0	0.492	0.262	0.299	0.238	0.843	0.120	---	---	MEAN
MAX	---	---	0	0	1.03	0.652	0.592	0.324	1.52	1.07	---	---	MAX
MIN	---	---	0	0	0	0.001	0.092	0.022	0.267	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.281
MAXIMUM DAILY, 1.52 ON SEP 17
MINIMUM DAILY, 0E ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 51 17 N
LONG 106 21 18 W

E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	801
FEB	---	AUG	639
MAR	0	SEP	2 190
APR	0	OCT	322
MAY	1 320	NOV	---
JUN	678	DEC	---

TOTAL DISCHARGE, 5 950 dam³

SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW BRIGHTWATER RESERVOIR - STATION NO. 05HG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.004	0.522	0.435	1.87	0	---	---	1
2	---	---	0	0	0	0.004	0.510	0.418	1.88	0	---	---	2
3	---	---	0	0	0	0.003	0.405	0.343	1.79	0	---	---	3
4	---	---	0	0	0	0.003	0.407	0.353	1.75	0	---	---	4
5	---	---	0	0	0	0.002	0.402	0.427	1.75	0	---	---	5
6	---	---	0	0	0	0.003	0.431	0.438	1.73	0	---	---	6
7	---	---	0	0	0	0.002	0.448	0.423	1.90	0	---	---	7
8	---	---	0	0	0	0.285	0.465	0.387	1.99	0	---	---	8
9	---	---	0	0	0	0.485	0.333	0.426	1.98	0	---	---	9
10	---	---	0	0	0	0.484	0.413	0.443	1.67	0	---	---	10
11	---	---	0	0	0	0.484	0.477	0.443	0.803	0	---	---	11
12	---	---	0	0	0.452	0.488	0.475	0.446	0.796	0	---	---	12
13	---	---	0	0	1.33	0.442	0.428	0.458	1.34	0	---	---	13
14	---	---	0	0	1.24	0.418	0.459	0.458	2.45	0	---	---	14
15	---	---	0	0	0	0.456	0.470	0.431	3.52	0	---	---	15
16	---	---	0	0	0	0.440	0.468	0.463	2.75	0	---	---	16
17	---	---	0	0	1.53	0.439	0.465	0.227	1.34	0	---	---	17
18	---	---	0	0	4.09	0.449	0.467	0.001	1.34	0	---	---	18
19	---	---	0	0	3.84	0.444	0.422	0	1.35	0	---	---	19
20	---	---	0	0	3.57	0.397	0.461	0	1.35	0	---	---	20
21	---	---	0	0	3.51	0.450	0.468	0	1.35	0	---	---	21
22	---	---	0	0	3.49	0.444	0.425	0	1.35	0	---	---	22
23	---	---	0	0	3.47	0.452	0.450	0	1.35	0	---	---	23
24	---	---	0	0	3.44	0.458	0.456	0	1.36	0	---	---	24
25	---	---	0	0	3.45	0.474	0.410	0	1.37	0	---	---	25
26	---	---	0	0	3.43	0.481	0.448	0	1.37	0	---	---	26
27	---	---	0	0	2.43	0.484	0.457	0	1.38	0	---	---	27
28	---	---	0	0	1.65	0.481	0.453	0	0.876	0	---	---	28
29	---		0	0	0.733	0.502	0.449	0	0.494	0	---	---	29
30	---		0	0	0.005	0.517	0.446	0.772	0.251	0	---	---	30
31	---		0		0.004		0.449	1.87		0		---	31
TOTAL	---	---	0	0	41.664	10.475	13.839	9.662	46.500	0	---	---	TOTAL
MEAN	---	---	0	0	1.34	0.349	0.446	0.312	1.55	0	---	---	MEAN
MAX	---	---	0	0	4.09	0.517	0.522	1.87	3.52	0	---	---	MAX
MIN	---	---	0	0	0	0.002	0.333	0	0.251	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.499
MAXIMUM DAILY, 4.09 ON MAY 18
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 37 13 N
LONG 106 32 35 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 200
FEB	---	AUG	835
MAR	0	SEP	4 020
APR	0	OCT	0
MAY	3 600	NOV	---
JUN	905	DEC	---

TOTAL DISCHARGE, 10 600 dam³

SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW BRODERICK RESERVOIR - STATION NO. 05HG019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0E	0 E	0	0.025	1.35	1.40	0.306	1.18	---	---	1
2	---	---	0E	0 E	0	0.015	1.34	1.48	0.299	0.020	---	---	2
3	---	---	0E	0 E	1.72	0.002	1.21	1.46	0.300	0.005	---	---	3
4	---	---	0E	0 E	4.42	0.002	1.18	1.47	0.302	0.006	---	---	4
5	---	---	0E	0 E	4.37	0.002	1.15	1.51	0.308	0.003	---	---	5
6	---	---	0E	0 E	4.35	0.001	1.13	1.54	0.308	0.004	---	---	6
7	---	---	0E	0 E	4.31	0.001	1.15	1.60	0.304	0.010	---	---	7
8	---	---	0E	0 E	4.29	0	1.18	1.59	0.308	0.005	---	---	8
9	---	---	0E	0 E	4.27	0.046	1.27	1.12	0.305	0.004	---	---	9
10	---	---	0E	0 E	4.28	0.002	1.20	1.25	0.312	0.003	---	---	10
11	---	---	0E	0 E	4.29	0.002	1.30	1.44	0.315	0.002	---	---	11
12	---	---	0E	0 E	4.29	0	1.43	1.50	0.507	0.002	---	---	12
13	---	---	0E	0 E	4.29	0	1.23	1.45	1.82	0.002	---	---	13
14	---	---	0E	0 E	4.30	0	1.36	1.51	3.53	0.002	---	---	14
15	---	---	0E	0 E	4.37	0.651	1.45	1.45	4.77	0.002	---	---	15
16	---	---	0E	0 E	4.39	1.35	1.45	1.42	3.00	0.001	---	---	16
17	---	---	0E	0 E	4.45	1.37	1.45	1.00	1.54	0.001	---	---	17
18	---	---	0E	0 E	3.51	1.37	1.45	0.592	1.56	0	---	---	18
19	---	---	0E	0 E	2.79	1.37	1.43	0.516	1.57	0	---	---	19
20	---	---	0E	0 E	2.85	1.38	1.37	0.749	1.58	0	---	---	20
21	---	---	0E	0 E	2.88	1.39	1.46	1.03	1.59	0	---	---	21
22	---	---	0E	0.001E	2.88	1.40	1.47	0.840	2.01	0	---	---	22
23	---	---	0E	0.001E	2.94	1.42	1.32	0.462	2.75	0	---	---	23
24	---	---	0E	0.001E	2.95	1.42	1.16	0.500	2.74	0	---	---	24
25	---	---	0E	0.001E	2.98	1.56	1.07	0.372	2.72	0	---	---	25
26	---	---	0E	0.001E	3.01	1.40	0.978	0.335	2.74	0	---	---	26
27	---	---	0E	0.002E	1.44	1.41	0.818	0.328	2.75	0	---	---	27
28	---	---	0E	0.002A	2.10	1.32	0.984	0.317	2.79	0	---	---	28
29	---		0E	0.017	1.56	1.39	0.969	0.317	2.79	0	---	---	29
30	---		0E	0	0.050	1.38	1.29	0.308	2.78	0	---	---	30
31	---		0E		0.040		1.43	0.305		0		---	31
TOTAL	---	---	0	0.026	94.370	21.679	39.029	31.161	48.904	1.212	---	---	TOTAL
MEAN	---	---	0	0.001	3.04	0.723	1.26	1.01	1.63	0.039	---	---	MEAN
MAX	---	---	0	0.017	4.45	1.56	1.47	1.60	4.77	1.18	---	---	MAX
MIN	---	---	0	0	0	0	0.818	0.305	0.299	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.965
MAXIMUM DAILY, 4.77 ON SEP 15
MINIMUM DAILY, 0E ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 29 01 N
LONG 106 50 53 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 370
FEB	---	AUG	2 690
MAR	0	SEP	4 230
APR	2.25	OCT	105
MAY	8 150	NOV	---
JUN	1 870	DEC	---

TOTAL DISCHARGE, 20 400 dam³

SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW ZELMA RESERVOIR - STATION NO. 05HG009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0E	0 E	0.002	0.822	0.002	0	0.003	0.002	---	---	1
2	---	---	0E	0 E	0.001	0.837	0.002	0	0.002	0.002	---	---	2
3	---	---	0E	0 E	0.001	0.845	0.002	0	0.002	0.002	---	---	3
4	---	---	0E	0 E	0.001	0.855	0.002	0	0.001	0.002	---	---	4
5	---	---	0E	0 E	0.002	0.863	0.001	0	0.002	0.002	---	---	5
6	---	---	0E	0 E	0.002	0.850	0.002	0	0.003	0.001	---	---	6
7	---	---	0E	0 E	0.001	0.851	0.002	0	0.002	0.001	---	---	7
8	---	---	0E	0 E	0.001	0.837	0.001	0	0.002	0.001	---	---	8
9	---	---	0E	0 E	0.001	0.793	0.002	0	0.001	0.001	---	---	9
10	---	---	0E	0 E	0.254	0.779	0.001	0	0.001	0.001	---	---	10
11	---	---	0E	0 E	0.706	0.772	0.001	0	0.002	0.001	---	---	11
12	---	---	0E	0 E	0.707	0.769	0 A	0.001	0.001	0.001	---	---	12
13	---	---	0E	0 E	0.700	0.768	0 E	0.002	0.001	0.001	---	---	13
14	---	---	0E	0 E	0.694	0.761	0 E	0.001	0.001	0.001	---	---	14
15	---	---	0E	0 E	0.693	0.755	0.001A	0	0.001	0.001	---	---	15
16	---	---	0E	0 E	0.699	0.765	0.001	0	0.001	0	---	---	16
17	---	---	0E	0 E	0.697	0.794	0.001	0	0.001	0.001	---	---	17
18	---	---	0E	0 E	0.702	0.777	0.001	0	0.001	0.001	---	---	18
19	---	---	0E	0 E	0.703	0.768	0	0	0	0.001	---	---	19
20	---	---	0E	0 E	0.717	0.786	0	0	0	0	---	---	20
21	---	---	0E	0 E	0.713	0.830	0	0	0	0.001	---	---	21
22	---	---	0E	0 E	0.703	0.906	0	0	0	0.001	---	---	22
23	---	---	0E	0 E	0.730	0.916	0	0	0	0.001	---	---	23
24	---	---	0E	0 E	0.737	0.998	0	0	0	0.001	---	---	24
25	---	---	0E	0 E	0.770	0.597	0	0	0	0.001	---	---	25
26	---	---	0E	0 E	0.774	0.003	0	0	0	0.001	---	---	26
27	---	---	0E	0 E	0.803	0.003	0	0	0	0.001	---	---	27
28	---	---	0E	0 E	0.830	0.002	0	0	0.001	0.001	---	---	28
29	---		0E	0.001A	0.869	0.002	0	0	0.002	0.001	---	---	29
30	---		0E	0.004	0.822	0.002	0	0	0.002	0	---	---	30
31	---		0E		0.819		0	0.004		0		---	31
TOTAL	---	---	0	0.005	15.854	20.306	0.022	0.008	0.033	0.032	---	---	TOTAL
MEAN	---	---	0	0	0.511	0.677	0.001	0	0.001	0.001	---	---	MEAN
MAX	---	---	0	0.004	0.869	0.998	0.002	0.004	0.003	0.002	---	---	MAX
MIN	---	---	0	0	0.001	0.002	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.148
MAXIMUM DAILY, 0.998 ON JUN 24
MINIMUM DAILY, 0E ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 23 N
LONG 105 45 23 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1.90
FEB	---	AUG	0.69
MAR	0	SEP	2.85
APR	0.43	OCT	2.76
MAY	1 370	NOV	---
JUN	1 750	DEC	---

TOTAL DISCHARGE, 3 130 dam³

SASKATOON S.E. PROJECT MAIN CANAL ABOVE BLACKSTRAP RESERVOIR - STATION NO. 05MG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0.448E	0.200E	1.80	0.050	---	---	1
2	---	---	0	0	0	0	0.448E	0.180E	1.80	0	---	---	2
3	---	---	0	0	0	0	0.448E	0.160	1.80	0	---	---	3
4	---	---	0	0	0	0	0.448E	0.160	1.78 E	0	---	---	4
5	---	---	0	0	0	0	0.448	0.176E	1.77 E	0	---	---	5
6	---	---	0	0	0	0	0.096	0.192E	1.75 E	0	---	---	6
7	---	---	0	0	0	0.096	0.096	0.208E	1.73	0	---	---	7
8	---	---	0	0	0	0.390	0.096	0.224E	1.95	0	---	---	8
9	---	---	0	0	0	0.532	0.020	0.240	1.93	0	---	---	9
10	---	---	0	0	0	0.448	0.130	0.240	1.86	0	---	---	10
11	---	---	0	0	0	0.448	0.084	0.280E	1.50 E	0	---	---	11
12	---	---	0	0	0	0.448E	0.084	0.320E	1.15 E	0	---	---	12
13	---	---	0	0	0.800	0.448E	0.245E	0.360E	0.794	0	---	---	13
14	---	---	0	0	1.10	0.448	0.407E	0.400E	1.92	0	---	---	14
15	---	---	0	0	0	0.468E	0.568	0.440E	2.83	0	---	---	15
16	---	---	0	0	0	0.488E	0.568	0.480E	3.44	0	---	---	16
17	---	---	0	0	1.14	0.508	0.564E	0.260	2.37 E	0	---	---	17
18	---	---	0	0	4.17	0.508	0.560E	0	1.30	0	---	---	18
19	---	---	0	0	4.17	0.472E	0.556	0	1.30 E	0	---	---	19
20	---	---	0	0	3.32	0.436E	0.200	0	1.30	0	---	---	20
21	---	---	0	0	3.22	0.400	0.200	0	1.30	0	---	---	21
22	---	---	0	0	3.11	0.400	0.180	0	1.35	0	---	---	22
23	---	---	0	0	3.10 E	0.400	0.195E	0	1.35	0	---	---	23
24	---	---	0	0	3.08 E	0.400	0.210E	0	1.35	0	---	---	24
25	---	---	0	0	3.07	0.448	0.225E	0	1.34 E	0	---	---	25
26	---	---	0	0	3.07	0.448E	0.240	0	1.33 E	0	---	---	26
27	---	---	0	0	3.09	0.448E	0.240	0	1.32	0	---	---	27
28	---	---	0	0	1.29	0.448	0.240	0	1.32	0	---	---	28
29	---		0	0	0.450	0.448	0.240	0	0.370	0	---	---	29
30	---		0	0	0	0.448	0.240	0	0.200	0	---	---	30
31	---		0		0		0.220E	0		0		---	31
TOTAL	---	---	0	0	38.180	10.330	8.944	4.520	47.304	0.050	---	---	TOTAL
MEAN	---	---	0	0	1.23	0.344	0.289	0.146	1.58	0.002	---	---	MEAN
MAX	---	---	0	0	4.17	0.532	0.568	0.480	3.44	0.050	---	---	MAX
MIN	---	---	0	0	0	0	0.020	0	0.200	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.446
MAXIMUM DAILY, 4.17 ON MAY 18
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 40 50 N
LONG 106 25 35 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	773
FEB	---	AUG	391
MAR	0	SEP	4 090
APR	0	OCT	4.32
MAY	3 300	NOV	---
JUN	893	DEC	---

TOTAL DISCHARGE, 9 450 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

SASKATOON S.E. PROJECT MAIN CANAL ABOVE BRIGHTWATER RESERVOIR - STATION NO. 05HG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.256	0.840E	0.783E	0.608	2.35	---	---	1
2	---	---	0	0	0	0.256	0.840E	0.932E	0.598	0.282	---	---	2
3	---	---	0	0	0	0.224E	0.840E	1.08	0.608	0.261E	---	---	3
4	---	---	0	0	1.83	0.192	0.840E	0.840	0.611E	0.240	---	---	4
5	---	---	0	0	4.00	0.260E	0.840	0.960	0.614E	0.050	---	---	5
6	---	---	0	0	3.98	0.327E	0.960	0.960	0.618E	0	---	---	6
7	---	---	0	0	3.98	0	0.872	1.01 E	0.621	0	---	---	7
8	---	---	0	0	3.92 E	0	0.880	1.07 E	0.621	0	---	---	8
9	---	---	0	0	3.86 E	0	0.720	1.12	0.614	0	---	---	9
10	---	---	0	0	3.80	0	0.720E	1.11	0.621	0	---	---	10
11	---	---	0	0	3.80	0	0.720E	1.00	0.723E	0	---	---	11
12	---	---	0	0	3.80	0	0.720	1.12	0.826E	0	---	---	12
13	---	---	0	0	4.02	0	0.728	1.13	0.928	0	---	---	13
14	---	---	0	0	4.02	0	0.776	1.13 E	2.17	0	---	---	14
15	---	---	0	0	4.05 E	0	1.28	1.13 E	3.64	0	---	---	15
16	---	---	0	0	4.08 E	1.00 E	1.09	1.13 E	4.82	0	---	---	16
17	---	---	0	0	4.11	1.07	1.12 E	1.13	1.43	0	---	---	17
18	---	---	0	0	4.11	1.07	1.15 E	0.648	1.42 E	0	---	---	18
19	---	---	0	0	2.32	1.07	1.18	0.608	1.40 E	0	---	---	19
20	---	---	0	0	2.46	1.10 E	1.04	0.608	1.39	0	---	---	20
21	---	---	0	0	2.46	1.13	1.04	0.664E	1.39	0	---	---	21
22	---	---	0	0	2.46 E	1.13	1.05	0.720E	1.40	0	---	---	22
23	---	---	0	0	2.46 E	1.04	0.800	0.776	2.25	0	---	---	23
24	---	---	0	0	2.46 E	1.03 E	0.771E	0.768	2.25	0	---	---	24
25	---	---	0	0	2.46	1.02	0.741E	0.692	2.21 E	0	---	---	25
26	---	---	0	0	2.48	0.989E	0.712	0.576	2.18 E	0	---	---	26
27	---	---	0	0	2.48	0.963E	0.634	0.570	2.15	0	---	---	27
28	---	---	0	0	0.648	0.936	0.720	0.563E	2.23	0	---	---	28
29	---		0	0	0.484E	0.808	0.672	0.557E	2.41	0	---	---	29
30	---		0	0	0.320	0.840	0.486	0.550	2.41	0	---	---	30
31	---		0		0.288E		0.635E	0.608		0		---	31
TOTAL	---	---	0	0	81.140	16.711	26.417	26.543	45.761	3.183	---	---	TOTAL
MEAN	---	---	0	0	2.62	0.557	0.852	0.856	1.53	0.103	---	---	MEAN
MAX	---	---	0	0	4.11	1.13	1.28	1.13	4.82	2.35	---	---	MAX
MIN	---	---	0	0	0	0	0.486	0.550	0.598	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.815
MAXIMUM DAILY, 4.82 ON SEP 16
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 35 15 N
LONG 106 30 30 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 280
FEB	---	AUG	2 290
MAR	0	SEP	3 950
APR	0	OCT	275
MAY	7 010	NOV	---
JUN	1 440	DEC	---

TOTAL DISCHARGE, 17 200 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

SASKATOON S.E. PROJECT MAIN CANAL ABOVE SELMA RESERVOIR - STATION NO. 05HG011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.117	0.114E	0.228E	0	1.12 E	---	---	1
2	---	---	0	0	0	0.109	0.091E	0.224E	0	1.11 E	---	---	2
3	---	---	0	0	0	0.044	0.068E	0.220	0	1.10 E	---	---	3
4	---	---	0	0	0	0.020	0.044E	0.196	0	1.09	---	---	4
5	---	---	0	0	0	0.010	0.021	0.169	0	0.975	---	---	5
6	---	---	0	0	0.600	0	0.020	0.179E	0	0.400	---	---	6
7	---	---	0	0	0.671	0	0.306	0.189E	0	0.100	---	---	7
8	---	---	0	0	0.232	0	0.163E	0.198E	0	0	---	---	8
9	---	---	0	0	0.218E	0	0.020	0.208	0	0	---	---	9
10	---	---	0	0	0.204E	0	0.074E	0.231E	0	0	---	---	10
11	---	---	0	0	0.189E	0	0.127E	0.254	0	0	---	---	11
12	---	---	0	0	0.175	0	0.181	0.257E	0	0	---	---	12
13	---	---	0	0	0.074	0	0.392E	0.261	0.200	0	---	---	13
14	---	---	0	0	0.100	0	0.604	0.208E	0.334	0	---	---	14
15	---	---	0	0	0.187	0	0.367E	0.155E	0.644	0	---	---	15
16	---	---	0	0	0.172	0.300	0.131	0.102	0.662	0	---	---	16
17	---	---	0	0	0.190	0.420E	0.096E	0.067E	0.667	0	---	---	17
18	---	---	0	0	0.091	0.331	0.062E	0.032	0.662	0	---	---	18
19	---	---	0	0	0.159E	0.181E	0.027	0.025E	0.669E	0	---	---	19
20	---	---	0	0	0.226	0.031	0.021	0.020	0.676	0	---	---	20
21	---	---	0	0	0.275	0.208	0.019	0	1.13	0	---	---	21
22	---	---	0	0	0.131	0.226	0.036E	0	0.626	0	---	---	22
23	---	---	0	0	0.138	0.205	0.054E	0	0.464E	0	---	---	23
24	---	---	0	0	0.100	0.205	0.071E	0	0.303	0	---	---	24
25	---	---	0	0	0.115	0.217	0.088E	0	1.00	0	---	---	25
26	---	---	0	0	0.257	0.205E	0.106	0	1.04 E	0	---	---	26
27	---	---	0	0	0.331	0.193E	0.131E	0	1.07 E	0	---	---	27
28	---	---	0	0	0.334	0.181	0.156E	0	1.11 E	0	---	---	28
29	---		0	0	0.205	0.159E	0.181	0	1.15	0	---	---	29
30	---		0	0	0.175	0.138	0.235	0	1.13 E	0	---	---	30
31	---		0		0.126		0.231E	0		0		---	31
TOTAL	---	---	0	0	5.675	3.500	4.237	3.423	13.537	5.895	---	---	TOTAL
MEAN	---	---	0	0	0.183	0.117	0.137	0.110	0.451	0.190	---	---	MEAN
MAX	---	---	0	0	0.671	0.420	0.604	0.261	1.15	1.12	---	---	MAX
MIN	---	---	0	0	0	0	0.019	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.148
MAXIMUM DAILY, 1.15 ON SEP 29
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 50 24 N
LONG 105 51 22 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	366
FEB	---	AUG	296
MAR	0	SEP	1 170
APR	0	OCT	509
MAY	490	NOV	---
JUN	302	DEC	---

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

TOTAL DISCHARGE, 3 130 dam³

SASKATOON S.E. PROJECT MAIN CANAL AT INLET TO DELLWOOD RESERVOIR - STATION NO. 05JJ007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.588	0	0	0	0	---	---	1
2	---	---	0	0	0	0.588	0	0	0	0	---	---	2
3	---	---	0	0	0	0.523	0	0	0	0	---	---	3
4	---	---	0	0	0	0.565	0	0	0	0	---	---	4
5	---	---	0	0	0	0.559E	0	0	0	0	---	---	5
6	---	---	0	0	0	0.553	0	0	0	0	---	---	6
7	---	---	0	0	0	0.553	0	0	0	0	---	---	7
8	---	---	0	0	0	0.530	0	0	0	0	---	---	8
9	---	---	0	0	0	0.565	0	0	0	0	---	---	9
10	---	---	0	0	0	0.570	0	0	0	0	---	---	10
11	---	---	0	0	0.310	0.574	0	0	0	0	---	---	11
12	---	---	0	0	0.455	0.567	0	0	0	0	---	---	12
13	---	---	0	0	0.542	0.570	0	0	0	0	---	---	13
14	---	---	0	0	0.553	0.581	0	0	0	0	---	---	14
15	---	---	0	0	0.542	0.574	0	0	0	0	---	---	15
16	---	---	0	0	0.553	0.700	0	0	0	0	---	---	16
17	---	---	0	0	0.542	0.686	0	0	0	0	---	---	17
18	---	---	0	0	0.542	0.560	0	0	0	0	---	---	18
19	---	---	0	0	0.496	0.676	0	0	0	0	---	---	19
20	---	---	0	0	0.532E	0.676	0	0	0	0	---	---	20
21	---	---	0	0	0.567	0.670	0	0	0	0	---	---	21
22	---	---	0	0	0.553	0.700	0	0	0	0	---	---	22
23	---	---	0	0	0.548E	0.670	0	0	0	0	---	---	23
24	---	---	0	0	0.542	0.496	0	0	0	0	---	---	24
25	---	---	0	0	0.565	0.600	0	0	0	0	---	---	25
26	---	---	0	0	0.496	0.150	0	0	0	0	---	---	26
27	---	---	0	0	0.396	0	0	0	0	0	---	---	27
28	---	---	0	0	0.588	0	0	0	0	0	---	---	28
29	---		0	0	0.658	0	0	0	0	0	---	---	29
30	---		0	0	0.611	0	0	0	0	0	---	---	30
31	---		0		0.588		0	0		0		---	31
TOTAL	---	---	0	0	11.179	15.044	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.361	0.501	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.658	0.700	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.107
MAXIMUM DAILY, 0.700 ON JUN 16
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 48 10 N
LONG 105 20 38 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	966	NOV	---
JUN	1 300	DEC	---

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

TOTAL DISCHARGE, 2 270 dam³

SASKATOON S.E. PROJECT MAIN CANAL AT OUTLET OF MANITOU PUMPING STATION - STATION NO. 05JJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.651	0	0	0	0	---	---	1
2	---	---	0	0	0	0.651	0	0	0	0	---	---	2
3	---	---	0	0	0	0.623	0	0	0	0	---	---	3
4	---	---	0	0	0	0.623	0	0	0	0	---	---	4
5	---	---	0	0	0	0.623	0	0	0	0	---	---	5
6	---	---	0	0	0	0.623	0	0	0	0	---	---	6
7	---	---	0	0	0	0.623	0	0	0	0	---	---	7
8	---	---	0	0	0	0.651	0	0	0	0	---	---	8
9	---	---	0	0	0	0.651	0	0	0	0	---	---	9
10	---	---	0	0	0	0.651	0	0	0	0	---	---	10
11	---	---	0	0	0.623	0.651	0	0	0	0	---	---	11
12	---	---	0	0	0.623	0.651	0	0	0	0	---	---	12
13	---	---	0	0	0.623	0.651	0	0	0	0	---	---	13
14	---	---	0	0	0.623	0.651	0	0	0	0	---	---	14
15	---	---	0	0	0.623	0.651	0	0	0	0	---	---	15
16	---	---	0	0	0.623	0.651	0	0	0	0	---	---	16
17	---	---	0	0	0.623	0.651	0	0	0	0	---	---	17
18	---	---	0	0	0.623	0.637	0	0	0	0	---	---	18
19	---	---	0	0	0.623	0.637	0	0	0	0	---	---	19
20	---	---	0	0	0.623	0.637	0	0	0	0	---	---	20
21	---	---	0	0	0.623	0.651	0	0	0	0	---	---	21
22	---	---	0	0	0.623	0.651	0	0	0	0	---	---	22
23	---	---	0	0	0.623	0.651	0	0	0	0	---	---	23
24	---	---	0	0	0.623	0.595	0	0	0	0	---	---	24
25	---	---	0	0	0.623	0.510	0	0	0	0	---	---	25
26	---	---	0	0	0.651	0	0	0	0	0	---	---	26
27	---	---	0	0	0.651	0	0	0	0	0	---	---	27
28	---	---	0	0	0.651	0	0	0	0	0	---	---	28
29	---		0	0	0.651	0	0	0	0	0	---	---	29
30	---		0	0	0.651	0	0	0	0	0	---	---	30
31	---		0		0.651		0	0		0		---	31
TOTAL	---	---	0	0	13.251	15.896	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.427	0.530	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.651	0.651	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.119
MAXIMUM DAILY, 0.651 ON MAY 26
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 45 21 N
LONG 105 38 56 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 140	NOV	---
JUN	1 370	DEC	---

TOTAL DISCHARGE, 2 510 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

REGULATED

SHAND CREEK NEAR DILLABOUGH - STATION NO. 05LB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	B	0.105	0.133	0	0	0	0	---	---	1
2	---	---	0B	0	B	0.065	0.429	0	0	0	0	---	---	2
3	---	---	0B	0	B	0.055	0.420	0	0	0	0	---	---	3
4	---	---	0B	0	B	0.054	0.299	0	0	0	0	---	---	4
5	---	---	0B	0	B	0.028	0.377	0	0	0	0	---	---	5
6	---	---	0B	0	B	0.020	1.59	0	0	0	0	---	---	6
7	---	---	0B	0	B	0.021	1.16	0	0	0	0	---	---	7
8	---	---	0B	0	B	0.015	0.708	0	0	0	0	---	---	8
9	---	---	0B	0	B	0.011	0.388	0	0	0	0	---	---	9
10	---	---	0B	0	B	0.008	0.310	0	0	0	0	---	---	10
11	---	---	0B	0	B	0.007	0.166	0	0	0	0	---	---	11
12	---	---	0B	0	B	0.004	0.069	0	0	0	0	---	---	12
13	---	---	0B	0	B	0.002	0.045	0	0	0	0	---	---	13
14	---	---	0B	1.57	B	0.001	0.032	0	0	0	0	---	---	14
15	---	---	0B	7.08	B	0.001	0.017	0	0	0	0	---	---	15
16	---	---	0B	14.9	B	0.001	0.012	0	0	0	0	---	---	16
17	---	---	0B	12.6		0.001	0.004	0	0	0	0	---	---	17
18	---	---	0B	8.30		0.001	0.001	0	0	0	0	---	---	18
19	---	---	0B	5.37		0.001	0	0	0	0	0	---	---	19
20	---	---	0B	3.55		0.001	0	0	0	0	0	---	---	20
21	---	---	0B	2.70		0.002	0	0	0	0	0	---	---	21
22	---	---	0B	2.29		0.002	0	0	0	0	0	---	---	22
23	---	---	0B	1.68		0.002	0	0	0	0	0	---	---	23
24	---	---	0B	1.23		0.001	0	0	0	0	0	---	---	24
25	---	---	0B	0.859		0.001	0	0	0	0	0	---	---	25
26	---	---	0B	0.586		0.001	0	0	0	0	0	---	---	26
27	---	---	0B	0.421		0.001	0	0	0	0	0	---	---	27
28	---	---	0B	0.295		0.003	0	0	0	0	0	---	---	28
29	---		0B	0.210		0.026	0	0	0	0	0	---	---	29
30	---		0B	0.157		0.105	0	0	0	0	0	---	---	30
31	---		0B			0.128		0	0		0		---	31
TOTAL	---	---	0	63.718		0.674	6.160	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	2.12		0.022	0.205	0	0	0	0	---	---	MEAN
MAX	---	---	0	14.9		0.128	1.59	0	0	0	0	---	---	MAX
MIN	---	---	0	0		0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 14.9B ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
15.5 AT 14:45 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 37 06 N
LONG 102 45 05 W
DRAINAGE AREA, 660 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	5 510	OCT	0
MAY	58.2	NOV	---
JUN	532	DEC	---

TOTAL DISCHARGE, 6 100 dam³

SHELL BROOK NEAR SHELLBROOK - STATION NO. 05GF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	2.82	0.377	0.299	0.257	0.184	0	0B	---	1
2	---	---	0B	0.054B	2.34	0.358	0.344	0.304	0.171	0	0B	---	2
3	---	---	0B	0.060B	1.84	0.344	0.441	0.401	0.150	0	0B	---	3
4	---	---	0B	0.052B	1.53	0.387	0.535	0.416	0.124	0	0B	---	4
5	---	---	0B	0.054B	1.37	0.440	0.537	0.408	0.098	0	0B	---	5
6	---	---	0B	0.077B	1.20	0.498	0.541	0.385	0.082	0	---	---	6
7	---	---	0B	0.092B	1.07	0.447	0.522	0.340	0.065	0	---	---	7
8	---	---	0B	0.098B	0.988	0.433	0.460	0.312	0.052	0	---	---	8
9	---	---	0B	0.165B	0.886	0.396	0.401	0.300	0.038	0	---	---	9
10	---	---	0B	0.210B	0.788	0.351	0.356	0.265	0.026	0	---	---	10
11	---	---	0B	0.267B	0.681	0.383	0.300	0.237	0.014	0	---	---	11
12	---	---	0B	0.246B	0.614	0.399	0.285	0.371	0.003	0	---	---	12
13	---	---	0B	0.551B	0.532	0.415	0.300	0.417	0	0	---	---	13
14	---	---	0B	0.603B	0.449	0.425	0.327	0.419	0	0	---	---	14
15	---	---	0B	0.669B	0.374	0.378	0.433	0.490	0	0	---	---	15
16	---	---	0B	0.711B	0.287	0.347	0.470	0.479	0	0	---	---	16
17	---	---	0B	0.771B	0.237	0.363	0.449	0.416	0	0	---	---	17
18	---	---	0B	0.766B	0.241	0.354	0.423	0.367	0	0	---	---	18
19	---	---	0B	0.899B	0.277	0.293	0.431	0.317	0	0	---	---	19
20	---	---	0B	1.60 B	0.328	0.281	0.426	0.269	0	0	---	---	20
21	---	---	0B	2.72 B	0.436	0.288	0.388	0.234	0	0	---	---	21
22	---	---	0B	3.07 B	0.436	0.332	0.375	0.203	0	0	---	---	22
23	---	---	0B	2.39 B	0.449	0.454	0.342	0.181	0	0	---	---	23
24	---	---	0B	2.31 B	0.452	0.435	0.303	0.180	0	0	---	---	24
25	---	---	0B	2.08	0.400	0.331	0.247	0.197	0	0	---	---	25
26	---	---	0B	2.06	0.358	0.281	0.220	0.185	0	0	---	---	26
27	---	---	0B	2.24	0.373	0.296	0.219	0.173	0	0	---	---	27
28	---	---	0B	2.50	0.385	0.301	0.253	0.159	0	0	---	---	28
29	---		0B	2.70	0.442	0.282	0.257	0.141	0	0	---	---	29
30	---		0B	2.85	0.421	0.272	0.261	0.147	0	0	---	---	30
31	---		0B		0.387		0.259	0.180		0B		---	31
TOTAL	---	---	0	32.865	23.391	10.941	11.404	9.150	1.007	0	---	---	TOTAL
MEAN	---	---	0	1.10	0.755	0.365	0.368	0.295	0.034	0	---	---	MEAN
MAX	---	---	0	3.07	2.82	0.498	0.541	0.490	0.184	0	---	---	MAX
MIN	---	---	0	0	0.237	0.272	0.219	0.141	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.362
MAXIMUM DAILY, 3.07B ON APR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.01B AT 09:57 CST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 10 N
LONG 106 23 09 W
DRAINAGE AREA, 2 560 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	985
FEB	---	AUG	791
MAR	0	SEP	87.0
APR	2 840	OCT	0
MAY	2 020	NOV	---
JUN	945	DEC	---

TOTAL DISCHARGE, 7 670 dam³

SHELL LAKE NEAR SHELL LAKE - STATION NO. 05GF004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	581.585	581.551	581.467	581.449	581.396	---	---	1
2	---	---	---	---	---	581.584	581.549	581.465	581.448	581.395	---	---	2
3	---	---	---	---	---	581.583	581.546	581.500	581.446	581.403	---	---	3
4	---	---	---	---	---	581.587	581.548	581.498	581.445	581.405	---	---	4
5	---	---	---	---	---	581.588	581.545	581.507	581.443	581.405	---	---	5
6	---	---	---	---	---	581.587	581.542	581.505	581.440	581.404	---	---	6
7	---	---	---	---	---	581.585	581.539	581.502	581.437	581.403	---	---	7
8	---	---	---	---	---	581.584	581.537	581.499	581.428	581.401	---	---	8
9	---	---	---	---	---	581.582	581.536	581.496	581.428	581.399	---	---	9
10	---	---	---	---	---	581.580E	581.538	581.493	581.431	581.397	---	---	10
11	---	---	---	---	---	581.579E	581.536	581.489	581.429	581.396	---	---	11
12	---	---	---	---	---	581.577	581.533	581.487	581.427	581.393	---	---	12
13	---	---	---	---	---	581.576	581.530	581.494	581.426	581.391	---	---	13
14	---	---	---	---	---	581.575	581.527	581.492	581.424	581.389	---	---	14
15	---	---	---	---	---	581.573	581.523	581.489	581.422	581.388	---	---	15
16	---	---	---	---	---	581.571	581.522	581.487	581.419	581.386	---	---	16
17	---	---	---	---	---	581.570	581.519	581.484	581.418	581.384	---	---	17
18	---	---	---	---	---	581.568	581.515	581.481	581.416	581.382	---	---	18
19	---	---	---	---	---	581.567	581.511	581.478	581.414	581.380	---	---	19
20	---	---	---	---	---	581.565	581.507	581.475	581.412	581.378	---	---	20
21	---	---	---	---	---	581.565	581.503	581.472	581.411	581.376	---	---	21
22	---	---	---	---	---	581.563	581.499	581.470	581.409	581.374	---	---	22
23	---	---	---	---	---	581.561	581.496	581.467	581.407	581.373	---	---	23
24	---	---	---	---	---	581.559	581.494	581.465	581.406	581.372	---	---	24
25	---	---	---	---	581.568	581.557	581.491	581.473	581.404	581.377	---	---	25
26	---	---	---	---	581.570E	581.555	581.488	581.460	581.403	581.371	---	---	26
27	---	---	---	---	581.573E	581.553	581.484	581.457	581.401	581.370	---	---	27
28	---	---	---	---	581.575E	581.551	581.481E	581.455	581.400	581.368	---	---	28
29	---		---	---	581.578E	581.549	581.477E	581.454	581.399	581.366	---	---	29
30	---		---	---	581.580E	581.552	581.474E	581.451	581.397	581.365	---	---	30
31	---		---		581.583E		581.470E	581.449		581.364		---	31
MEAN	---	---	---	---	---	581.571	581.516	581.479	581.421	581.386	---	---	MEAN
MAX	---	---	---	---	---	581.588	581.551	581.507	581.449	581.405	---	---	MAX
MIN	---	---	---	---	---	581.549	581.470	581.449	581.397	581.364	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 13 25 N
LONG 107 10 17 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SHEPHERD DITCH NEAR CONSUL - STATION NO. 11AB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0 B	0.083	0.003E	0.002E	0.002E	0.002E	---	---	1
2	---	---	0B	0B	0 B	0.066A	0.003E	0.002E	0.002E	0.002E	---	---	2
3	---	---	0B	0B	0 B	0.064E	0.003E	0.002E	0.002E	0.002E	---	---	3
4	---	---	0B	0B	0 B	0.061E	0.003E	0.002E	0.002E	0.002E	---	---	4
5	---	---	0B	0B	0.160B	0.058E	0.003A	0.002E	0.002E	0.002E	---	---	5
6	---	---	0B	0B	0.330	0.054E	0.003E	0.002E	0.002E	0.002E	---	---	6
7	---	---	0B	0B	0.323	0.051E	0.003E	0.002E	0.002E	0.002E	---	---	7
8	---	---	0B	0B	0.316	0.048E	0.003E	0.002E	0.002E	0.002E	---	---	8
9	---	---	0B	0B	0.342	0.045E	0.003E	0.002E	0.002E	0.001E	---	---	9
10	---	---	0B	0B	0.348	0.042E	0.003E	0.002A	0.002E	0.001E	---	---	10
11	---	---	0B	0B	0.345	0.039E	0.002E	0.002E	0.002E	0.001E	---	---	11
12	---	---	0B	0B	0.343	0.036E	0.002E	0.002E	0.002E	0.001E	---	---	12
13	---	---	0B	0B	0.343	0.032E	0.002E	0.002E	0.002E	0.001E	---	---	13
14	---	---	0B	0B	0.350	0.029E	0.002E	0.002E	0.002E	0.001E	---	---	14
15	---	---	0B	0B	0.340	0.026E	0.002A	0.002E	0.002E	0.001E	---	---	15
16	---	---	0B	0B	0.329	0.023E	0.002E	0.002E	0.002E	0.001E	---	---	16
17	---	---	0B	0B	0.308	0.020E	0.002E	0.002E	0.002E	0.001E	---	---	17
18	---	---	0B	0B	0.274	0.017E	0.002E	0.002E	0.002E	0.001E	---	---	18
19	---	---	0B	0B	0.318	0.013E	0.002E	0.002E	0.002E	0.001E	---	---	19
20	---	---	0B	0B	0.474	0.010E	0.002E	0.002E	0.002A	0.001E	---	---	20
21	---	---	0B	0B	0.403	0.007E	0.002E	0.002E	0.002E	0.001E	---	---	21
22	---	---	0B	0B	0.327	0.004A	0.002E	0.002E	0.002E	0.001E	---	---	22
23	---	---	0B	0B	0.312	0.004E	0.002E	0.002E	0.002E	0.001E	---	---	23
24	---	---	0B	0B	0.295	0.004E	0.002E	0.002E	0.002E	0.001E	---	---	24
25	---	---	0B	0B	0.279	0.004E	0.002E	0.002A	0.002E	0.001E	---	---	25
26	---	---	0B	0B	0.184	0.004E	0.002E	0.002E	0.002E	0.001E	---	---	26
27	---	---	0B	0B	0.025A	0.004E	0.002E	0.002E	0.002E	0.001A	---	---	27
28	---	---	0B	0B	0.010E	0.004E	0.002E	0.002E	0.002E	0.001E	---	---	28
29	---		0B	0B	0.062A	0.003E	0.002E	0.002E	0.002E	0.001E	---	---	29
30	---		0B	0B	0.095B	0.003E	0.002E	0.002E	0.002E	0.001E	---	---	30
31	---		0B		0.156		0.002E	0.002E		0.001E		---	31
TOTAL	---	---	0	0	7.391	0.858	0.072	0.062	0.060	0.039	---	---	TOTAL
MEAN	---	---	0	0	0.238	0.029	0.002	0.002	0.002	0.001	---	---	MEAN
MAX	---	---	0	0	0.474	0.083	0.003	0.002	0.002	0.002	---	---	MAX
MIN	---	---	0	0	0	0.003	0.002	0.002	0.002	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.035
MAXIMUM DAILY, 0.474 ON MAY 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.679B AT 21:00 CST ON MAY 30

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 50 N
LONG 109 44 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6.22
FEB	---	AUG	5.36
MAR	0	SEP	5.18
APR	0	OCT	3.37
MAY	639	NOV	---
JUN	74.1	DEC	---

TOTAL DISCHARGE, 733 dam³

SHORT CREEK NEAR ROCHE PERCEE - STATION NO. 05NB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0 B	0.001B	6.59 B	0.588	0.135	0	0.053	0	0.007	0.163	0.003B	1
2	0B	0 B	0.001B	2.07 B	0.489	0.110	0	0.074	0	0.008	0.171	0.002B	2
3	0B	0 B	0.002B	0.898B	0.415	0.073	0	0.070	0	0.007	0.136	0.002B	3
4	0B	0 B	0.003B	1.80 B	0.332	0.048	0	0.052	0	0.007	0.115	0.002B	4
5	0B	0 B	0.004B	1.87 B	0.273	0.024	0	0.033	0	0.008	0.107	0.003B	5
6	0B	0 B	0.005B	1.12 B	0.217	0.016	0	0.023	0	0.009	0.102	0.003B	6
7	0B	0 B	0.008B	0.588B	0.169	0.013	0	0.020	0	0.010	0.101	0.002B	7
8	0B	0 B	0.012B	0.376B	0.145	0.008	0	0.011	0	0.010	0.098	0.001B	8
9	0B	0 B	0.015B	0.309B	0.129	0.010	0.001	0.007	0	0.020	0.095	0.001B	9
10	0B	0 B	0.016B	0.221B	0.126	0.010	0.001	0.004	0	0.020	0.095	0.001B	10
11	0B	0 B	0.019B	0.849B	0.111	0.006	0	0.003	0	0.021	0.088	0 B	11
12	0B	0 B	0.019B	6.70 B	0.123	0.004	0	0.002	0	0.019	0.072	0 B	12
13	0B	0 B	0.009B	27.6 B	0.128	0.005	0.001	0.001	0	0.018	0.055	0 B	13
14	0B	0 B	0.004B	32.1 B	0.115	0.004	0.020	0.001	0	0.017	0.040B	0 B	14
15	0B	0 B	0.007B	19.3	0.131	0.003	0.067	0.003	0	0.017	0.035B	0 B	15
16	0B	0 B	0.009B	12.4	0.161	0.003	0.097	0.002	0.001	0.017	0.030B	0 B	16
17	0B	0 B	0.005B	8.60	0.192	0.003	0.028	0.002	0.001	0.016	0.027B	0 B	17
18	0B	0 B	0.004B	6.95	0.195	0.003	0.009	0.002	0	0.016	0.026B	0 B	18
19	0B	0 B	0.003B	6.16	0.189	0.004	0.071	0.003	0	0.017	0.026B	0 B	19
20	0B	0 B	0.003B	5.13	0.213	0.004	0.224	0.003	0	0.018	0.027B	0 B	20
21	0B	0.001B	0.003B	3.85	0.244	0.003	0.217	0.002	0	0.018	0.018B	0 B	21
22	0B	0.001B	0.003B	3.07	0.231	0.002	0.231	0.003	0	0.028	0.015B	0 B	22
23	0B	0.001B	0.003B	2.61	0.231	0.002	0.200	0.003	0	0.074	0.012B	0 B	23
24	0B	0.001B	0.002B	2.07	0.259	0.002	0.158	0.002	0	0.068	0.009B	0 B	24
25	0B	0.001B	0.001B	1.62	0.225	0.002	0.114	0.002	0	0.053	0.007B	0 B	25
26	0B	0 B	0.001B	1.33	0.190	0.001	0.086	0.001	0	0.049	0.004B	0 B	26
27	0B	0 B	0.001B	1.12	0.150	0.002	0.099	0.001	0	0.056	0.004B	0 B	27
28	0B	0 B	0.001B	1.01	0.145	0.001	0.080	0	0.013	0.074	0.004B	0 B	28
29	0B		0.025B	0.877	0.214	0	0.060	0	0.009	0.073	0.004B	0 B	29
30	0B		0.419B	0.706	0.214	0	0.049	0	0.006	0.095	0.003B	0 B	30
31	0B		4.19 B		0.168		0.040	0		0.111		0 B	31
TOTAL	0	0.005	4.798	159.894	6.712	0.501	1.853	0.383	0.030	0.981	1.689	0.020	TOTAL
MEAN	0	0	0.155	5.33	0.217	0.017	0.060	0.012	0.001	0.032	0.056	0.001	MEAN
MAX	0	0.001	4.19	32.1	0.588	0.135	0.231	0.074	0.013	0.111	0.171	0.003	MAX
MIN	0	0	0.001	0.221	0.111	0	0	0	0	0.007	0.003	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.485
MAXIMUM DAILY, 32.1B ON APR 14
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
38.8B AT 02:50 CST ON APR 14

SUMMARY FOR THE YEAR 1982

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 52 N
LONG 102 50 57 W
DRAINAGE AREA, 1 210 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	160
FEB	0.43	AUG	33.1
MAR	415	SEP	2.59
APR	13 800	OCT	84.8
MAY	580	NOV	146
JUN	43.3	DEC	1.73

TOTAL DISCHARGE, 15 300 dam³

SILTON INDEX RESERVOIR - STATION NO. 05JH007

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	26.895	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	28.197	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	27.975	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	27.701	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	28.048	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	27.847	---	---	---	---	25
26	---	---	---	---	28.225	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	27.671	---	---	29
30	---		26.597	28.195E	---	28.070E	---	---	27.706E	---	---	---	30
31	---		26.598E		28.220E		27.985E	27.840E		27.670E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 47 58 N
LONG 104 54 11 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SMITH CREEK NEAR MARCHWELL - STATION NO. 05ME007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.022B	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.018E	0.006	0	0	0	0	0	---	---	2
3	---	---	0 B	0.014B	0.114	0	0	0	0	0	---	---	3
4	---	---	0 B	0.010B	0.110	0	0	0	0	0	---	---	4
5	---	---	0 B	0.007B	0.089	0	0	0	0	0	---	---	5
6	---	---	0 B	0.005B	0.073	0	0	0	0	0	---	---	6
7	---	---	0 B	0.004B	0.058	0	0	0	0	0	---	---	7
8	---	---	0 B	0.003B	0.036	0	0	0	0	0	---	---	8
9	---	---	0 B	0.002B	0.021	0	0	0	0	0	---	---	9
10	---	---	0 B	0.001B	0.017	0	0	0	0	0	---	---	10
11	---	---	0 B	0.050B	0.012	0	0	0	0	0	---	---	11
12	---	---	0 B	0.249B	0.007	0	0	0	0	0	---	---	12
13	---	---	0 B	0.420B	0.005	0	0	0	0	0	---	---	13
14	---	---	0 B	0.470B	0.003	0	0	0	0	0	---	---	14
15	---	---	0 B	0.334	0.001	0	0	0	0	0	---	---	15
16	---	---	0 B	0.221	0.002	0	0	0	0	0	---	---	16
17	---	---	0 B	0.158	0.001	0	0	0	0	0	---	---	17
18	---	---	0 B	0.167	0.001	0	0	0	0	0	---	---	18
19	---	---	0 B	0.080	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.048	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.035E	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.028E	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.023E	0	0	0	0	0	0	---	---	23
24	---	---	0.030B	0.018E	0	0	0	0	0	0	---	---	24
25	---	---	0.100B	0.013E	0	0	0	0	0	0	---	---	25
26	---	---	0.080B	0.009E	0	0	0	0	0	0	---	---	26
27	---	---	0.068B	0.005A	0	0	0	0	0	0	---	---	27
28	---	---	0.045B	0.004	0	0	0	0	0	0	---	---	28
29	---		0.035B	0.002	0	0	0	0	0	0	---	---	29
30	---		0.029B	0.001	0	0	0	0	0	0	---	---	30
31	---		0.025B		0		0	0		0		---	31
TOTAL	---	---	0.404	2.421	0.556	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.013	0.081	0.018	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.100	0.470	0.114	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 0.470B ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.702B AT 14:40 CST ON APR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 49 58 N
LONG 101 38 43 W
DRAINAGE AREA, 435 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	34.9	SEP	0
APR	209	OCT	0
MAY	48.0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 292 dam³

SMOOTHSTONE RIVER BELOW ENKELINE LAKE - STATION NO. 06CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.30B	2.18B	1.72B	1.96B	10.1B	16.3	11.1	7.56	14.4	7.90	10.5	6.25	1
2	2.35B	2.10B	1.71B	2.00B	10.1B	16.0	11.6	7.36	14.5	7.89	10.8	6.26	2
3	2.43B	1.95B	1.70B	2.05B	10.4	16.2	11.0	9.46	14.0	7.69	11.1	6.23	3
4	2.37B	1.78B	1.70B	2.10B	10.9	15.9	11.4	11.5	13.8	7.71	9.60	6.03	4
5	2.37B	1.76B	1.69B	2.15B	12.5	15.8	11.6	12.3	13.2	7.98	9.38	5.84	5
6	2.32B	1.86B	1.69B	2.22B	13.5	18.3	11.8	13.1	13.0	7.97	9.11	5.87	6
7	2.10B	1.98B	1.69B	2.30B	13.8	18.5	11.6	15.5	12.8	7.77	9.06	5.87	7
8	2.09B	1.87B	1.69B	2.38B	14.1	18.3	11.3	16.6	12.6	7.93	8.70	5.75B	8
9	2.13B	1.82B	1.69B	2.59B	14.6	18.5	11.0	16.8	12.2	8.26	8.44	5.88B	9
10	2.20B	1.83B	1.69B	2.48B	15.4	18.0	10.7	17.1	11.8	8.33	8.38	5.98B	10
11	2.26B	1.87B	1.69B	2.69B	15.8	18.0	10.3	17.2	12.1	8.29	8.45	5.92B	11
12	2.24B	2.07B	1.69B	2.92B	16.3	17.7	9.82	17.7	12.0	8.32	7.87	5.85B	12
13	2.09B	2.08B	1.69B	2.96B	16.5	17.8	9.13	18.7	11.2	8.38	7.69	5.92B	13
14	2.03B	1.77B	1.69B	2.95B	16.5	17.4	8.77	19.1	10.8	8.34	7.43	5.95B	14
15	2.03B	1.68B	1.69B	3.03B	16.2	17.1	8.39	19.2	10.7	8.44	7.71	5.95B	15
16	2.04B	1.74B	1.70B	3.24B	16.2	16.9	8.50	19.1	10.5	8.11	7.53	5.90B	16
17	2.04B	1.59B	1.70B	3.33B	16.9	16.4	8.19	18.8	10.2	8.11	6.90	5.81B	17
18	1.95B	1.71B	1.70B	3.61B	16.8	16.0	8.01	18.9	10.1	8.69	6.90	5.94B	18
19	1.94B	1.65B	1.71B	3.89B	16.4	15.5	7.94	18.5	9.90	9.03	6.73	5.94B	19
20	2.00B	1.59B	1.72B	4.08B	16.9	14.6	8.30	17.9	9.57	9.17	6.43	5.75B	20
21	1.95B	1.74B	1.72B	4.70B	16.8	14.1	8.08	17.2	9.38	9.06	6.55	5.70B	21
22	1.91B	1.84B	1.73B	5.80B	17.0	14.1	7.73	16.7	9.16	9.01	6.54	5.57B	22
23	1.86B	1.98B	1.74B	5.99B	16.5	14.4	8.18	16.4	8.96	9.03	6.53	5.60B	23
24	1.87B	1.97B	1.76B	5.93B	17.1	14.5	8.72	16.1	8.70	9.42	6.46	5.69B	24
25	1.84B	1.70B	1.78B	6.06B	16.4	14.2	8.48	15.9	8.47	9.64	6.31	5.76B	25
26	1.78B	1.75B	1.80B	6.30B	16.4	13.9	8.08	15.7	8.48	9.83	6.31	5.77B	26
27	1.89B	1.74B	1.81B	6.81B	16.3	13.4	7.95	15.1	8.01	10.0	6.59	5.74B	27
28	1.95B	1.73B	1.82B	7.27B	16.3	12.7	8.08	14.3	7.36	10.5	6.48	5.67B	28
29	2.09B		1.85B	8.21B	15.9	12.3	8.08	14.6	7.52	10.7	6.44	5.57B	29
30	2.16B		1.88B	9.67B	15.7	11.9	7.97	14.4	7.84	10.9	6.37	5.50B	30
31	2.18B		1.92B		16.1		7.93	14.1		10.7		5.50B	31
TOTAL	64.76	51.33	53.76	121.67	470.4	474.7	289.73	482.88	323.25	273.10	233.29	180.96	TOTAL
MEAN	2.09	1.83	1.73	4.06	15.2	15.8	9.35	15.6	10.8	8.81	7.78	5.84	MEAN
MAX	2.43	2.18	1.92	9.67	17.1	18.5	11.8	19.2	14.5	10.9	11.1	6.26	MAX
MIN	1.78	1.59	1.69	1.96	10.1	11.9	7.73	7.36	7.36	7.69	6.31	5.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.27
MAXIMUM DAILY, 19.2 ON AUG 15
MINIMUM DAILY, 1.59B ON FEB 17
MAXIMUM INSTANTANEOUS,
19.4 AT 17:34 CST ON AUG 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 10 15 N
LONG 106 12 10 W
DRAINAGE AREA, 6 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 600	JUL	25 000
FEB	4 430	AUG	41 700
MAR	4 640	SEP	27 900
APR	10 500	OCT	23 600
MAY	40 600	NOV	20 200
JUN	41 000	DEC	15 600

TOTAL DISCHARGE, 261 000 dam³

SNAKEBITE CREEK NEAR BEECHY - STATION NO. 05HE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 B	0.331	1.36	0	0	0	0	---	---	1
2	---	---	0 B	0 B	0.128	0.678	0	0	0	0	---	---	2
3	---	---	0 B	0 B	0.256	0.256	0.001	0	0	0	---	---	3
4	---	---	0 B	0 B	0.209	0.206	0	0	0	0	---	---	4
5	---	---	0 B	0 B	0.094	0.148	0	0	0	0	---	---	5
6	---	---	0 B	0 B	0.051	0.104	0	0	0	0	---	---	6
7	---	---	0 B	0 B	0.041	0.078	0	0	0	0	---	---	7
8	---	---	0 B	0 B	0.035	0.078	0	0	0	0	---	---	8
9	---	---	0 B	0 B	0.038	0.065	0	0	0	0	---	---	9
10	---	---	0 B	0 B	0.040	0.050	0	0	0	0	---	---	10
11	---	---	0 B	0.206B	0.035	0.041	0	0	0	0	---	---	11
12	---	---	0 B	0.658B	0.030	0.035	0	0	0	0	---	---	12
13	---	---	0 B	2.53 B	0.027	0.032	0	0	0	0	---	---	13
14	---	---	0 B	12.9 B	0.024	0.027	0	0	0	0	---	---	14
15	---	---	0 B	14.3 B	0.020	0.024	0	0	0	0	---	---	15
16	---	---	0 B	13.8 B	0.020	0.024	0	0	0	0	---	---	16
17	---	---	0 B	17.1	0.020	0.023	0	0	0	0	---	---	17
18	---	---	0 B	13.5	0.024	0.020	0	0	0	0	---	---	18
19	---	---	0 B	6.14	0.024	0.017	0	0	0	0	---	---	19
20	---	---	0 B	2.74	0.034	0.015	0	0	0	0	---	---	20
21	---	---	0 B	2.59	0.034	0.013	0	0	0	0	---	---	21
22	---	---	0 B	2.80	0.029	0.011	0.027	0	0	0	---	---	22
23	---	---	0 B	2.18	0.414	0.008	0.014	0	0	0	---	---	23
24	---	---	0 B	1.49	0.289	0.005	0.004	0	0	0	---	---	24
25	---	---	0 B	0.887	0.079	0.002	0.001	0	0	0	---	---	25
26	---	---	0 B	0.560	0.048	0	0.001	0	0	0	---	---	26
27	---	---	0 B	0.379	0.041	0	0.001	0	0	0	---	---	27
28	---	---	0 B	0.196	0.060	0	0	0	0	0	---	---	28
29	---		0.014B	0.163	0.187	0	0	0	0	0	---	---	29
30	---		0.005B	0.216	0.373	0	0	0	0	0	---	---	30
31	---		0 B		1.73		0	0		0		---	31
TOTAL	---	---	0.019	94.935	4.765	3.320	0.049	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	3.16	0.154	0.111	0.002	0	0	0	---	---	MEAN
MAX	---	---	0.014	17.1	1.73	1.36	0.027	0	0	0	---	---	MAX
MIN	---	---	0	0	0.020	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.421
MAXIMUM DAILY, 17.1 ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
23.6 AT 23:49 CST ON APR 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 06 N
LONG 107 16 31 W
DRAINAGE AREA, 859 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4.23
FEB	---	AUG	0
MAR	1.64	SEP	0
APR	8 280	OCT	0
MAY	812	NOV	---
JUN	287	DEC	---

TOTAL DISCHARGE, 9 900 dam³

SNIPE LAKE NEAR ESTON - STATION NO. 05HC002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	27.856	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	27.878	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	27.350E	---	---	27.720	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	27.702	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	DRY	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	27.838	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		DRY	27.850E	---	27.764E	---	---	27.528E	---	---	---	30
31	---		---		27.856E		27.668E	27.574		27.480E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 13 06 N
LONG 108 51 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

MINIMUM DAILY, DRY ON MAR 24

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SNIPE LAKE NORTH INFLOW - STATION NO. 05HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.027	0.022	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.017	0.010	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.011	0.006	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.011	0.004	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.013	0.003	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.008	0.002	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.005	0.002	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.005	0.002	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.003	0.001	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.002	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.001	0	0	0	0	0	---	---	11
12	---	---	0B	0.010B	0.001	0	0	0	0	0	---	---	12
13	---	---	0B	0.350B	0.001	0	0	0	0	0	---	---	13
14	---	---	0B	1.23 B	0.001	0	0	0	0	0	---	---	14
15	---	---	0B	0.676	0.001	0	0	0	0	0	---	---	15
16	---	---	0B	0.501	0.001	0	0	0	0	0	---	---	16
17	---	---	0B	0.512	0.003	0	0	0	0	0	---	---	17
18	---	---	0B	0.363	0.004	0	0	0	0	0	---	---	18
19	---	---	0B	0.189	0.006	0	0	0	0	0	---	---	19
20	---	---	0B	0.164	0.020	0	0	0	0	0	---	---	20
21	---	---	0B	0.242	0.014	0	0	0	0	0	---	---	21
22	---	---	0B	0.296	0.008	0	0	0	0	0	---	---	22
23	---	---	0B	0.222	0.003	0	0	0	0	0	---	---	23
24	---	---	0B	0.128	0.002	0	0	0	0	0	---	---	24
25	---	---	0B	0.089	0.001	0	0	0	0	0	---	---	25
26	---	---	0B	0.194	0.001	0	0	0	0	0	---	---	26
27	---	---	0B	0.129	0.016	0	0	0	0	0	---	---	27
28	---	---	0B	0.078	0.014	0	0	0	0	0	---	---	28
29	---		0B	0.056	0.053	0	0	0	0	0	---	---	29
30	---		0B	0.041	0.068	0	0	0	0	0	---	---	30
31	---		0B		0.044		0	0		0		---	31
TOTAL	---	---	0	5.470	0.365	0.052	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.182	0.012	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.23	0.068	0.022	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.024
MAXIMUM DAILY, 1.23B ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.69B AT 18:30 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 18 N
LONG 108 51 46 W
DRAINAGE AREA, 44.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	473	OCT	0
MAY	31.5	NOV	---
JUN	4.49	DEC	---

TOTAL DISCHARGE, 509 dam³

SOURIS RIVER NEAR BECHARD - STATION NO. 05NB031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	5.48	0.799	0.003	0.500	0	0	---	---	1
2	---	---	0B	0 B	4.92	0.680	0.002	0.430	0	0	---	---	2
3	---	---	0B	0 B	4.63	0.564	0.001	0.380	0	0	---	---	3
4	---	---	0B	0 B	4.39	0.485	0	0.320	0	0	---	---	4
5	---	---	0B	0 B	4.24	0.426	0.001	0.290	0	0	---	---	5
6	---	---	0B	0 B	4.00	0.371	0.014	0.250	0	0	---	---	6
7	---	---	0B	0 B	3.80	0.295	0.012	0.200	0	0	---	---	7
8	---	---	0B	0 B	3.27	0.262	0.005	0.170	0	0	---	---	8
9	---	---	0B	0 B	2.64	0.242	0.003	0.140	0	0	---	---	9
10	---	---	0B	0 B	2.35	0.217	0.002	0.100	0	0	---	---	10
11	---	---	0B	0 B	2.23	0.197	0.001	0.076	0	0	---	---	11
12	---	---	0B	0 B	2.06	0.164	0	0.054	0	0	---	---	12
13	---	---	0B	0 B	1.81	0.140	0	0.038	0	0	---	---	13
14	---	---	0B	0 B	1.72	0.115	0	0.027	0	0	---	---	14
15	---	---	0B	0.034B	1.56	0.092	0	0.020	0	0	---	---	15
16	---	---	0B	0.364B	1.42	0.076	0.001	0.016	0	0	---	---	16
17	---	---	0B	27.0 B	1.47	0.057	0.020	0.011	0	0	---	---	17
18	---	---	0B	76.9 B	1.46	0.043	0.060	0.008	0	0	---	---	18
19	---	---	0B	49.2	1.37	0.032	0.175	0.006	0	0	---	---	19
20	---	---	0B	25.7	1.23	0.023	0.160	0.004	0	0	---	---	20
21	---	---	0B	15.8	1.16	0.017	0.027	0.002	0	0	---	---	21
22	---	---	0B	10.8	1.08	0.013	0.050	0.001	0	0	---	---	22
23	---	---	0B	7.79	1.01	0.010	0.090	0.001	0	0	---	---	23
24	---	---	0B	7.22	1.01	0.007	0.180	0	0	0	---	---	24
25	---	---	0B	11.1	0.914	0.006	0.400	0	0	0	---	---	25
26	---	---	0B	9.47	0.842	0.006	0.720	0	0	0	---	---	26
27	---	---	0B	8.35	0.768	0.005	0.640	0	0	0	---	---	27
28	---	---	0B	7.31	0.786	0.007	0.600	0	0	0	---	---	28
29	---		0B	6.34	0.837	0.006	0.620	0	0	0	---	---	29
30	---		0B	5.93	0.857	0.005	0.590	0	0	0		---	30
31	---		0B		0.870		0.550	0		0		---	31
TOTAL	---	---	0	269.308	66.184	5.362	4.927	3.044	0	0	---	---	TOTAL
MEAN	---	---	0	8.98	2.13	0.179	0.159	0.098	0	0	---	---	MEAN
MAX	---	---	0	76.9	5.48	0.799	0.720	0.500	0	0	---	---	MAX
MIN	---	---	0	0	0.768	0.005	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.42
MAXIMUM DAILY, 76.9B ON APR 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
84.8B AT 02:03 CST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 20 N
LONG 104 11 24 W
DRAINAGE AREA, 1 070 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	426
FEB	---	AUG	263
MAR	0	SEP	0
APR	23 300	OCT	0
MAY	5 720	NOV	---
JUN	463	DEC	---

TOTAL DISCHARGE, 30 200 dam³

REMARKS - DATA PRIOR TO 1980 PUBLISHED UNDER THE NAME "SOURIS RIVER BELOW LENVAN"

SOURIS RIVER NEAR GLEN EWEN - STATION NO. 05ND001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.061B	0.017B	0.029B	1.23B	76.3	4.52	0.797	0.604	0.065	0.062	0.351	0.179B	1
2	0.060B	0.018B	0.036B	1.42B	71.9	4.59	0.761	0.430	0.060	0.063	0.179	0.181B	2
3	0.058B	0.019B	0.039B	1.50B	66.7	4.25	0.933	0.378	0.055	0.061	0.140	0.179B	3
4	0.057B	0.019B	0.043B	3.82B	60.2	3.97	0.972	0.324	0.049	0.062	0.128	0.183B	4
5	0.055B	0.019B	0.046B	8.88B	53.0	3.58	0.948	0.285	0.046	0.067	0.118	0.177B	5
6	0.053B	0.020B	0.050B	10.4 B	47.4	3.13	0.945	0.339	0.047	0.067	0.115	0.163B	6
7	0.051B	0.021B	0.053B	7.52B	42.4	2.92	0.916	0.310	0.055	0.065	0.112	0.150B	7
8	0.048B	0.022B	0.056B	5.20B	38.8	2.69	0.860	0.289	0.050	0.065	0.116	0.145B	8
9	0.047B	0.022B	0.061B	4.22B	35.3	2.72	0.864	0.239	0.053	0.083	0.132	0.132B	9
10	0.045B	0.023B	0.066B	3.62B	31.5	2.68	0.816	0.208	0.064	0.093	0.158	0.130B	10
11	0.042B	0.024B	0.071B	3.45B	28.3	2.58	0.754	0.183	0.098	0.092	0.177B	0.121B	11
12	0.040B	0.024B	0.076B	6.63B	26.0	2.32	0.693	0.152	0.105	0.107	0.173B	0.102B	12
13	0.037B	0.025B	0.086B	16.2 B	24.0	2.08	0.637	0.123	0.104	0.108	0.192B	0.094B	13
14	0.034B	0.026B	0.112B	37.6 B	21.6	1.75	0.593	0.110	0.085	0.105	0.189B	0.094B	14
15	0.032B	0.026B	0.124B	70.8 B	18.5	1.50	0.660	0.105	0.085	0.157	0.177B	0.104B	15
16	0.028B	0.040B	0.126B	139 B	16.6	1.31	1.00	0.094	0.102	0.098	0.177B	0.108B	16
17	0.026B	0.026B	0.125B	123	15.4	1.21	1.49	0.096	0.104	0.108	0.177B	0.110B	17
18	0.024B	0.017B	0.121B	93.9	14.1	1.14	1.15	0.123	0.150	0.107	0.177B	0.113B	18
19	0.022B	0.009B	0.126B	78.8	13.2	1.24	2.39	0.112	0.070	0.151	0.184B	0.138B	19
20	0.021B	0.002B	0.126B	78.0	13.1	1.30	2.17	0.106	0.077	0.282	0.178B	0.138B	20
21	0.020B	0.001B	0.128B	80.5	12.3	1.63	1.53	0.100	0.092	0.086	0.163B	0.121B	21
22	0.019B	0.005B	0.141B	81.9	10.5	1.75	1.07	0.098	0.063	0.105	0.152B	0.108B	22
23	0.018B	0.007B	0.167B	80.3	9.11	1.65	0.892	0.088	0.047	0.432	0.170B	0.104B	23
24	0.018B	0.004B	0.194B	80.1	8.60	1.62	0.806	0.084	0.050	0.458	0.160B	0.101B	24
25	0.017B	0.008B	0.261B	80.9	8.04	1.47	0.770	0.076	0.047	0.423	0.161B	0.108B	25
26	0.017B	0.019B	0.339B	81.7	7.60	1.30	0.944	0.076	0.042	0.411	0.160B	0.109B	26
27	0.016B	0.022B	0.431B	81.8	7.21	1.11	1.25	0.080	0.047	0.393	0.164B	0.104B	27
28	0.016B	0.026B	0.468B	82.0	6.65	0.998	1.70	0.079	0.088	0.431	0.173B	0.123B	28
29	0.016B		0.486B	81.8	6.07	0.934	1.58	0.070	0.078	0.434	0.176B	0.140B	29
30	0.017B		0.533B	79.8	5.40	0.857	1.32	0.072	0.066	0.415	0.180B	0.166B	30
31	0.017B		0.939B		4.74		0.954	0.068		0.404		0.148B	31
TOTAL	1.032	0.511	5.659	1 505.99	800.32	68.799	33.165	5.501	2.184	5.995	5.089	4.073	TOTAL
MEAN	0.033	0.018	0.183	50.2	25.8	2.16	1.07	0.177	0.073	0.193	0.167	0.131	MEAN
MAX	0.061	0.040	0.939	139	76.3	4.59	2.39	0.604	0.150	0.458	0.351	0.183	MAX
MIN	0.016	0.001	0.029	1.23	4.74	0.857	0.593	0.068	0.042	0.061	0.112	0.094	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.67
MAXIMUM DAILY, 139B ON APR 16
MINIMUM DAILY, 0.001B ON FEB 21
MAXIMUM INSTANTANEOUS,
159 AT 13:50 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 02 N
LONG 102 01 42 W
DRAINAGE AREA, 22 000 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	89.2	JUL	2 870
FEB	44.3	AUG	475
MAR	489	SEP	189
APR	130 000	OCT	518
MAY	69 100	NOV	433
JUN	5 600	DEC	353

TOTAL DISCHARGE, 210 000 dam³

SOURIS RIVER NEAR HALBRITE - STATION NO. 05NB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.022B	26.6	1.50	0.024	0.022	0.002E	0.055	0.002A	---	1
2	---	---	0 B	0.020B	25.8	0.595	0.019	0.027	0.002E	0.055	---	---	2
3	---	---	0 B	0.019B	24.3	0.515	0.013	0.035	0.002E	0.052	---	---	3
4	---	---	0 B	0.017B	22.1	0.516	0.010	0.043	0.002E	0.049	---	---	4
5	---	---	0 B	0.015B	20.9	0.533	0.008	0.052	0.002E	0.038	---	---	5
6	---	---	0.001B	0.483B	20.0	0.507	0.006	0.053	0.001E	0.018	---	---	6
7	---	---	0.001B	0.744B	18.4	0.612	0.073	0.054	0.001E	0.012	---	---	7
8	---	---	0.002B	0.224B	14.6	0.589	0.099	0.047	0.001E	0.009	---	---	8
9	---	---	0.002B	0.106B	11.1	0.454	0.066	0.041	0.001E	0.007	---	---	9
10	---	---	0.002B	0.154B	10.2	0.481	0.042	0.037	0.001E	0.006	---	---	10
11	---	---	0.003B	0.125B	9.82	0.477	0.028	0.033	0.001E	0.005	---	---	11
12	---	---	0.003B	0.176B	7.73	0.431	0.019	0.030	0.001E	0.005	---	---	12
13	---	---	0.004B	0.649B	5.17	0.357	0.015	0.028	0.001E	0.005	---	---	13
14	---	---	0.005B	3.38 B	4.50	0.293	0.012	0.026	0.010A	0.005	---	---	14
15	---	---	0.006B	9.46 B	4.24	0.314	0.011	0.023	0.011	0.005	---	---	15
16	---	---	0.008B	15.7 B	3.56	0.198	1.07	0.021	0.008	0.004	---	---	16
17	---	---	0.009B	37.4 B	4.16	0.178	0.868	0.019	0.011	0.004	---	---	17
18	---	---	0.009B	63.7 B	2.82	0.188	0.348	0.020	0.019	0.004	---	---	18
19	---	---	0.011B	84.7	1.71	0.129	0.184	0.020	0.020	0.005	---	---	19
20	---	---	0.012B	77.2	1.33	0.083	0.112	0.019	0.018	0.005	---	---	20
21	---	---	0.013B	55.4	1.04	0.064	0.067	0.019	0.015	0.005	---	---	21
22	---	---	0.015B	43.7	0.747	0.047	0.050	0.020	0.014	0.004	---	---	22
23	---	---	0.014B	34.1	0.846	0.052	0.041	0.022	0.022	0.004	---	---	23
24	---	---	0.013B	30.7	1.01	0.046	0.030	0.020	0.034	0.004	---	---	24
25	---	---	0.011B	33.1	1.07	0.045	0.020	0.015	0.034	0.004	---	---	25
26	---	---	0.010B	33.9	0.920	0.071	0.017	0.010	0.030	0.004	---	---	26
27	---	---	0.009B	29.6	1.01	0.068	0.018	0.008	0.035	0.003	---	---	27
28	---	---	0.008B	29.4	1.12	0.052	0.026	0.006	0.060	0.003	---	---	28
29	---		0.015B	31.1	1.40	0.038	0.022	0.004	0.068	0.003	---	---	29
30	---		0.029B	29.2	2.84	0.031	0.019	0.003A	0.057	0.002	---	---	30
31	---		0.019B		2.71		0.019	0.003E		0.002		---	31
TOTAL	---	---	0.234	644.494	253.753	9.464	3.356	0.780	0.484	0.386	---	---	TOTAL
MEAN	---	---	0.008	21.5	8.19	0.315	0.108	0.025	0.016	0.012	---	---	MEAN
MAX	---	---	0.029	84.7	26.6	1.50	1.07	0.054	0.068	0.055	---	---	MAX
MIN	---	---	0	0.015	0.747	0.031	0.006	0.003	0.001	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.73
MAXIMUM DAILY, 84.7 ON APR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
88.1 AT 17:50 CST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 37 N
LONG 103 39 44 W
DRAINAGE AREA, 3 190 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	290
FEB	---	AUG	67.4
MAR	20.2	SEP	41.8
APR	55 700	OCT	33.4
MAY	21 900	NOV	---
JUN	818	DEC	---

TOTAL DISCHARGE, 78 900 dam³

SOURIS RIVER NEAR LEWVAN - STATION NO. 05NB025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	1.59	0.360	0	0	0	0	---	---	1
2	---	---	0B	0 B	1.44	0.336	0	0	0	0	---	---	2
3	---	---	0B	0 B	1.31	0.301	0	0	0	0	---	---	3
4	---	---	0B	0 B	1.15	0.268	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.971	0.251	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.908	0.229	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.795	0.205	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.689	0.179	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.690	0.155	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.696	0.130	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.726	0.107	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.709	0.086	0	0	0	0	---	---	12
13	---	---	0B	0 B	0.659	0.065	0	0	0	0	---	---	13
14	---	---	0B	0 B	0.597	0.053	0	0	0	0	---	---	14
15	---	---	0B	0 B	0.533	0.043	0	0	0	0	---	---	15
16	---	---	0B	0.225B	0.533	0.037	0	0	0	0	---	---	16
17	---	---	0B	23.1	0.543	0.030	0.002	0	0	0	---	---	17
18	---	---	0B	27.6	0.569	0.025	0.112	0	0	0	---	---	18
19	---	---	0B	18.9	0.555	0.021	0.165	0	0	0	---	---	19
20	---	---	0B	13.1	0.523	0.016	0.070	0	0	0	---	---	20
21	---	---	0B	8.23	0.497	0.012E	0.017	0	0	0	---	---	21
22	---	---	0B	5.35	0.479	0.009E	0.002	0	0	0	---	---	22
23	---	---	0B	4.20	0.457	0.005A	0	0	0	0	---	---	23
24	---	---	0B	4.70	0.456	0.003E	0	0	0	0	---	---	24
25	---	---	0B	3.36	0.435	0.002E	0	0	0	0	---	---	25
26	---	---	0B	2.96	0.394	0.001E	0	0	0	0	---	---	26
27	---	---	0B	2.73	0.360	0.001E	0	0	0	0	---	---	27
28	---	---	0B	2.40	0.353	0	0	0	0	0	---	---	28
29	---		0B	2.14	0.455	0	0	0	0	0	---	---	29
30	---		0B	1.89	0.431	0	0	0	0	0	---	---	30
31	---		0B		0.384		0	0		0		---	31
TOTAL	---	---	0	120.885	20.887	2.930	0.368	0	0	0	---	---	TOTAL
MEAN	---	---	0	4.03	0.674	0.098	0.012	0	0	0	---	---	MEAN
MAX	---	---	0	27.6	1.59	0.360	0.165	0	0	0	---	---	MAX
MIN	---	---	0	0	0.353	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.592
MAXIMUM DAILY, 27.6 ON APR 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
43.6 AT 15:50 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 37 N
LONG 104 04 33 W
DRAINAGE AREA, 590 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31.8
FEB	---	AUG	0
MAR	0	SEP	0
APR	10 400	OCT	0
MAY	1 880	NOV	---
JUN	253	DEC	---

TOTAL DISCHARGE, 12 500 dam³

SOURIS RIVER NEAR MCTAGGART - STATION NO. 05NB030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	21.1	0.932	0	0.613	0.003	0	---	---	1
2	---	---	0B	0 B	19.3	0.909	0	0.563	0.003	0	---	---	2
3	---	---	0B	0 B	17.7	0.845	0	0.506	0.002	0	---	---	3
4	---	---	0B	0 B	16.8	0.745	0	0.445	0.001	0	---	---	4
5	---	---	0B	0 B	14.8	0.637	0	0.383	0	0	---	---	5
6	---	---	0B	0 B	12.7	0.496	0	0.333	0	0	---	---	6
7	---	---	0B	0 B	10.4	0.392	0	0.292	0	0	---	---	7
8	---	---	0B	0 B	8.48	0.349	0	0.259	0	0	---	---	8
9	---	---	0B	0 B	7.13	0.265	0	0.235	0	0	---	---	9
10	---	---	0B	0 B	6.03	0.211	0	0.207	0	0	---	---	10
11	---	---	0B	0 B	5.12	0.179	0	0.174	0	0	---	---	11
12	---	---	0B	0 B	4.29	0.148	0	0.139	0	0	---	---	12
13	---	---	0B	0 B	3.53	0.122	0	0.109	0	0	---	---	13
14	---	---	0B	0 B	2.91	0.112	0	0.086	0	0	---	---	14
15	---	---	0B	1.50B	2.41	0.094	0	0.064	0	0	---	---	15
16	---	---	0B	12.0 B	2.13	0.077	0	0.093	0	0	---	---	16
17	---	---	0B	30.3 B	1.91	0.068	0.091	0.034	0	0	---	---	17
18	---	---	0B	30.0 B	1.76	0.056	0.190	0.027	0	0	---	---	18
19	---	---	0B	27.3 B	1.66	0.040	0.182	0.022	0	0	---	---	19
20	---	---	0B	28.4 B	1.54	0.031	0.130	0.013	0	0	---	---	20
21	---	---	0B	31.1 A	1.40	0.025	0.079	0.012	0	0	---	---	21
22	---	---	0B	32.2	1.26	0.020	0.046	0.008	0	0	---	---	22
23	---	---	0B	31.4	1.14	0.011	0.028	0.006	0	0	---	---	23
24	---	---	0B	30.6	1.07	0.006	0.059	0.005	0	0	---	---	24
25	---	---	0B	29.7	1.03	0.002	0.271	0.004	0	0	---	---	25
26	---	---	0B	28.4	0.965	0	0.539	0.003	0	0	---	---	26
27	---	---	0B	26.9	0.861	0	0.710	0.003	0	0	---	---	27
28	---	---	0B	25.3	0.793	0	0.748	0.002	0	0	---	---	28
29	---		0B	23.7	0.968	0	0.721	0.002	0	0	---	---	29
30	---		0B	22.5	1.06	0	0.722	0.002	0	0	---	---	30
31	---		0B		0.967		0.673	0.003		0		---	31
TOTAL	---	---	0	411.30	173.214	6.772	5.189	4.647	0.009	0	---	---	TOTAL
MEAN	---	---	0	13.7	5.59	0.226	0.167	0.150	0	0	---	---	MEAN
MAX	---	---	0	32.2	21.1	0.932	0.748	0.613	0.003	0	---	---	MAX
MIN	---	---	0	0	0.793	0	0	0.002	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.45
MAXIMUM DAILY, 32.2 ON APR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
32.6 AT 01:55 CST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 10 N
LONG 104 00 56 W
DRAINAGE AREA, 2 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	448
FEB	---	AUG	402
MAR	0	SEP	0.78
APR	35 500	OCT	0
MAY	15 000	NOV	---
JUN	585	DEC	---

TOTAL DISCHARGE, 51 900 dam³

SOURIS RIVER NEAR ROCHE PERCEE - STATION NO. 05NB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.024B	12.0 B	62.2	2.46	0.947	0.540	0.025	0.109	---	---	1
2	---	---	0.024B	9.82 B	55.4	1.89	1.03	0.445	0.026	0.120	---	---	2
3	---	---	0.024B	4.04 B	48.5	1.29	0.641	0.394	0.026	0.134	---	---	3
4	---	---	0.024B	2.52 B	43.3	1.31	0.450	0.242	0.027	0.139	---	---	4
5	---	---	0.024B	3.76 B	37.9	1.09	0.397	0.181	0.029	0.144	---	---	5
6	---	---	0.024B	3.29 B	34.8	1.46	0.415	0.172	0.029	0.149	---	---	6
7	---	---	0.024B	1.30 B	31.7	1.36	0.418	0.155	0.030	0.152	---	---	7
8	---	---	0.024B	0.755B	26.3	1.20	0.513	0.114	0.033	0.152	---	---	8
9	---	---	0.023B	2.08 B	23.4	1.04	0.809	0.088	0.036	0.174	---	---	9
10	---	---	0.023B	3.86 B	21.5	0.652	0.874	0.072	0.036	0.192	---	---	10
11	---	---	0.025B	3.91 B	19.8	0.288	0.758	0.070	0.038	0.184	---	---	11
12	---	---	0.033B	13.4 B	17.1	0.355	0.664	0.072	0.039	0.180	---	---	12
13	---	---	0.035B	30.5 B	14.3	0.423	0.613	0.064	0.040	0.177	---	---	13
14	---	---	0.035B	42.4 B	12.7	0.483	0.628	0.057	0.041	0.176	---	---	14
15	---	---	0.035B	42.9 B	11.8	0.548	1.93	0.060	0.042	0.289	---	---	15
16	---	---	0.040B	48.0 B	11.0	0.627	3.62	0.052	0.044	0.856	---	---	16
17	---	---	0.050B	59.0	10.4	0.927	2.02	0.045	0.046	0.785	---	---	17
18	---	---	0.075B	65.8	10.6	1.28	1.36	0.039	0.048	0.550	---	---	18
19	---	---	0.100B	68.8	10.3	1.11	1.13	0.033	0.051	0.302	---	---	19
20	---	---	0.125B	70.0	8.23	1.13	1.04	0.027	0.053	0.175	---	---	20
21	---	---	0.160B	73.5	7.32	1.13	1.82	0.021	0.055	0.112	---	---	21
22	---	---	0.210B	78.9	6.97	0.790	2.13	0.015	0.057	0.078	---	---	22
23	---	---	0.200B	82.0	6.56	0.410	2.28	0.010	0.060	0.048	---	---	23
24	---	---	0.158B	83.5	6.43	0.316	1.88 E	0.008	0.063	0.031	---	---	24
25	---	---	0.149B	84.0	5.96	0.287	1.50 E	0.008	0.066	0.028	---	---	25
26	---	---	0.291B	83.5	5.26	0.819	1.28 E	0.008	0.069	0.029A	---	---	26
27	---	---	0.320B	80.9	4.56	0.661	1.01 E	0.009	0.077	0.029E	---	---	27
28	---	---	0.280B	77.2	3.71	1.03	0.927A	0.010	0.114	0.029E	---	---	28
29	---		0.684B	72.7	2.97	0.998	0.719	0.016	0.121	0.029E	---	---	29
30	---		2.11 B	67.6	3.47	0.902	0.468	0.021	0.109	0.029E	---	---	30
31	---		5.06 B		2.58		0.431	0.024		0.029E		---	31
TOTAL	---	---	10.417	1 271.935	567.02	28.266	34.698	3.072	1.530	5.610	---	---	TOTAL
MEAN	---	---	0.336	42.4	18.3	0.942	1.12	0.099	0.051	0.181	---	---	MEAN
MAX	---	---	5.06	84.0	62.2	2.46	3.62	0.540	0.121	0.856	---	---	MAX
MIN	---	---	0.023	0.755	2.58	0.287	0.397	0.008	0.025	0.028	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.85
MAXIMUM DAILY, 84.0 ON APR 25
MINIMUM DAILY, 0.008 ON AUG 24
MAXIMUM INSTANTANEOUS,
84.2 AT 19:56 CST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 34 N
LONG 102 45 53 W
DRAINAGE AREA, 12 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 000
FEB	---	AUG	265
MAR	900	SEP	132
APR	110 000	OCT	485
MAY	49 000	NOV	---
JUN	2 440	DEC	---

TOTAL DISCHARGE, 166 000 dam³

SOURIS RIVER NEAR SHERWOOD - STATION NO. 05ND007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.020B	0.003B	0.020B	1.13B	80.1	5.92	0.821	1.33	0.176	0.122	0.340	0.207	1
2	0.020B	0.003B	0.020B	1.13B	76.7	5.75	0.765	1.08	0.161	0.176	0.340	0.210	2
3	0.020B	0.003B	0.020B	1.13B	71.1	5.66	0.680	0.878	0.153	0.311	0.311	0.207	3
4	0.020B	0.003B	0.020B	1.13B	65.4	5.27	0.680	0.793	0.142	0.176	0.283	0.207	4
5	0.020B	0.003B	0.020B	1.42B	59.5	4.96	0.850	0.736	0.125	0.266	0.275	0.207	5
6	0.017B	0.003B	0.017B	2.83B	53.5	4.53	0.850	0.793	0.125	0.210	0.266	0.201	6
7	0.017B	0.003B	0.017B	7.08B	47.6	4.05	0.850	0.850	0.122	0.161	0.261	0.187B	7
8	0.017B	0.003B	0.017B	6.23B	42.5	3.65	0.878	0.708	0.110	0.159	0.249	0.153B	8
9	0.017B	0.003B	0.017B	3.68B	39.1	3.43	0.906	0.651	0.110	0.176	0.241	0.142B	9
10	0.017B	0.003B	0.017B	3.11B	35.7	3.31	0.850	0.595	0.102	0.195	0.241	0.136B	10
11	0.014B	0.003B	0.017B	3.40B	32.0	3.23	0.793	0.510	0.105	0.221	0.241	0.125B	11
12	0.014B	0.003B	0.020B	14.2 B	28.6	3.00	0.708	0.481	0.082	0.221	0.227	0.125B	12
13	0.014B	0.003B	0.020B	32.6 B	26.2	2.72	0.623	0.425	0.082	0.210	0.266	0.125B	13
14	0.014B	0.003B	0.020B	35.7 B	24.0	2.32	0.566	0.396	0.088	0.221	0.275	0.125B	14
15	0.014B	0.003B	0.020B	43.6 B	21.4	1.95	0.651	0.340	0.082	0.187	0.283	0.130B	15
16	0.011B	0.003B	0.023B	59.5 B	18.7	1.61	0.623	0.311	0.088	0.195	0.311	0.133B	16
17	0.011B	0.003B	0.025B	88.1	17.4	1.47	0.623	0.283	0.085	0.187	0.311	0.136B	17
18	0.011B	0.003B	0.028B	109	16.1	1.36	1.30	0.261	0.079	0.229	0.311	0.144B	18
19	0.011B	0.003B	0.034B	103	14.9	1.27	1.19	0.241	0.074	0.221	0.311	0.153B	19
20	0.011B	0.003B	0.040B	90.9	14.2	1.30	2.12	0.235	0.071	0.195	0.280	0.159B	20
21	0.008B	0.003B	0.042B	82.7	14.0	1.39	2.07	0.227	0.068	0.178	0.255	0.161B	21
22	0.008B	0.006B	0.045B	79.9	13.1	1.56	1.53	0.215	0.071	0.187	0.249	0.161B	22
23	0.008B	0.011B	0.048B	80.4	11.4	1.73	1.19	0.210	0.079	0.221	0.241	0.159B	23
24	0.008B	0.014B	0.051B	80.7	10.4	1.61	0.963	0.210	0.082	0.221	0.235	0.153B	24
25	0.008B	0.017B	0.051B	80.1	9.80	1.56	0.821	0.207	0.079	0.396	0.235	0.153B	25
26	0.006B	0.020B	0.051B	80.4	9.29	1.50	0.736	0.195	0.074	0.396	0.229	0.147B	26
27	0.006B	0.020B	0.051B	81.0	8.81	1.42	0.821	0.187	0.076	0.368	0.229	0.147B	27
28	0.006B	0.020B	0.051B	81.8	8.35	1.22	1.10	0.181	0.110	0.396	0.221	0.147B	28
29	0.006B		0.057B	82.1	7.82	1.02	1.50	0.178	0.122	0.425	0.221	0.144B	29
30	0.006B		0.566B	82.1	7.14	1.02	1.56	0.178	0.122	0.340	0.207	0.144B	30
31	0.006B		1.13 B		6.54		1.50	0.181		0.311		0.144B	31
TOTAL	0.386	0.171	2.575	1 420.07	891.35	80.79	31.118	14.066	3.045	7.478	7.945	4.872	TOTAL
MEAN	0.012	0.006	0.083	47.3	28.8	2.69	1.00	0.454	0.102	0.241	0.265	0.157	MEAN
MAX	0.020	0.020	1.13	109	80.1	5.92	2.12	1.33	0.176	0.425	0.340	0.210	MAX
MIN	0.006	0.003	0.017	1.13	6.54	1.02	0.566	0.178	0.068	0.122	0.207	0.125	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.75
MAXIMUM DAILY, 109 ON APR 18
MINIMUM DAILY, 0.003B ON FEB 1
MAXIMUM INSTANTANEOUS,
111 AT 08:00 CST ON APR 18

SUMMARY FOR THE YEAR 1982

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 24 N
LONG 101 57 28 W
DRAINAGE AREA, 22 400 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33.4	JUL	2 690
FEB	16.8	AUG	1 220
MAR	222	SEP	263
APR	123 000	OCT	646
MAY	77 000	NOV	686
JUN	6 980	DEC	421

TOTAL DISCHARGE, 213 000 dam³

SOUTH SASKATCHEWAN RIVER AT SASKATOON - STATION NO. 05HG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	260B	352B	210B	240B	116	72.3	64.0	73.3A	127 A	154	140	274B	1
2	261B	324B	202B	200B	107	61.4	68.8	74.8A	122	161	136	272B	2
3	262B	303B	212B	162B	92.1	61.6	62.6	70.9A	123	162	147	270B	3
4	275B	346B	242B	133B	103	58.1	64.5	67.6A	122	154	167	266B	4
5	280B	356B	284B	135B	97.3	57.0	57.5	68.8A	129	147	203	264B	5
6	283B	355B	250B	142B	98.7	59.3	53.0	71.3A	118	169	201	265B	6
7	288B	352B	242B	128B	93.6	59.0	59.8	73.7A	101	166	194	265B	7
8	300B	352B	276B	112B	117	58.7	63.5	84.6A	103	175	187	268B	8
9	332B	350B	282B	108B	99.2	61.7	58.9	92.2A	116	167	185	290B	9
10	335B	338B	270B	115B	91.2	58.7	55.4	89.2A	111	178	199	305B	10
11	336B	350B	260B	145B	92.2	60.8	63.4	119 A	128	170	190	315B	11
12	360B	352B	266B	224B	95.7	58.6	59.9	127 A	132	170	173	304B	12
13	395B	352B	226B	250B	92.4	60.8	57.6	130 A	122	170	168	325B	13
14	404B	355B	230B	262	97.6	55.5	56.3A	122 A	119	169	201	340B	14
15	414B	344B	215B	273	91.2	53.2	59.3E	125 A	137	179	230	318B	15
16	396B	332B	184B	250	93.5	57.7	56.3E	119 A	121	172	245	310B	16
17	380B	333B	220B	254	95.3	55.8	56.3E	100 A	125	175	281A	300B	17
18	418B	333B	240B	267	95.0	54.1	56.3E	120 A	116	175	240B	290B	18
19	421B	321B	267B	250	95.7	56.5	59.3E	121 A	120	173	225B	275B	19
20	400B	322B	258B	255	103	50.5	59.3E	121 A	111	177	185B	265B	20
21	398B	300B	248B	245	107	52.2	60.3E	117 A	98.6	161	150B	262B	21
22	401B	260B	210B	254	103	54.6	74.3E	109 A	117	145	121B	248B	22
23	406B	235B	208B	241	118	60.5	66.3E	106 A	114	163	142B	240B	23
24	402B	260B	255B	169	99.7	58.2	77.3E	105 A	129	156	210B	238B	24
25	400B	295B	278B	165	101	53.4	71.3E	113 A	130	135	275B	242B	25
26	395B	265B	280B	162	102	54.1	60.3E	118 A	128	154	260B	254B	26
27	370B	240B	295B	145	117	62.1	68.3E	123 A	111	148	282B	262B	27
28	350B	228B	298B	157	104	53.6	71.3E	126 A	105	135	287B	266B	28
29	322B		300B	153	84.9	52.3	77.3E	121 A	135	156	284B	250B	29
30	355B		260B	126	88.0	59.3	59.3E	111 A	144	172	282B	256B	30
31	370B		272B		86.7		57.3E	110 A		164		262B	31
TOTAL	10 969	8 905	7 740	5 722	3 074.0	1 727.6	1 935.3	3 229.4	3 610.6	5 047	6 190	8 561	TOTAL
MEAN	354	318	250	191	99.2	57.6	62.4	104	120	163	206	276	MEAN
MAX	421	356	300	273	118	72.3	77.3	130	144	178	287	340	MAX
MIN	260	228	184	108	84.9	50.5	53.0	67.6	98.6	135	121	238	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 183
MAXIMUM DAILY, 421B ON JAN 19
MINIMUM DAILY, 50.5 ON JUN 20

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 26 N
LONG 106 38 40 W
DRAINAGE AREA, 141 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	948 000	JUL	167 000
FEB	769 000	AUG	279 000
MAR	669 000	SEP	312 000
APR	494 000	OCT	436 000
MAY	266 000	NOV	535 000
JUN	149 000	DEC	740 000

TOTAL DISCHARGE, 5 760 000 dam³

SOUTH SASKATCHEWAN RIVER AT ST. LOUIS - STATION NO. 05HN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	234B	375B	227B	271B	138	101	51.4	68.2	101	138	163	286B	1
2	262B	363B	207B	245B	120	92.8	59.4	62.2	108	148	142	283B	2
3	263B	330B	202B	199B	113	77.1	72.0	70.1	119	159	128	282B	3
4	262B	296B	209B	158B	93.8	66.0	69.0	69.1	117	160	135	272B	4
5	271B	330B	242B	129B	91.1	69.8	62.2	61.8	118	158	145	259B	5
6	277B	356B	287B	141B	102	65.7	65.0	58.3	124	145	165	250B	6
7	282B	355B	251B	143B	93.2	64.7	59.5	60.6	122	160	210	252B	7
8	281B	348B	241B	114B	92.8	63.6	52.6	61.6	103	161	213	256B	8
9	304B	349B	281B	105B	102	64.8	58.5	66.1	95.9	174	223	252B	9
10	323B	349B	285B	104B	108	63.8	61.3	75.6	101	160	217	274B	10
11	329B	338B	269B	128B	91.3	69.8	56.6	82.3	108	174	212	288B	11
12	330B	348B	259B	165B	89.2	67.6	52.0	92.3	109	170	192	329B	12
13	373B	346B	264B	212B	90.9	70.3	59.0	118	123	163	207	311B	13
14	394B	350B	224B	244B	91.4	65.0	62.6	122	123	167	206	322B	14
15	400B	354B	227B	259B	92.8	66.6	61.8	117	115	165	261	336B	15
16	412B	348B	209B	261B	94.2	61.6	65.9	113	123	168	280B	330B	16
17	402B	335B	178B	256B	91.8	59.3	62.4	115	128	168	248B	319B	17
18	381B	332B	221B	245B	93.6	65.2	63.9	105	118	169	271B	317B	18
19	411B	333B	237B	252B	95.4	62.0	60.6	95.7	123	172	301B	305B	19
20	429B	319B	267B	250B	96.8	57.9	53.8	112	110	163	239B	288B	20
21	417B	321B	256B	244B	103	60.7	53.8	111	115	175	230B	282B	21
22	405B	292B	241B	242B	111	55.3	51.7	114	100	161	205B	269B	22
23	405B	263B	208B	205B	106	57.1	55.5	109	103	141	163B	242B	23
24	410B	233B	203B	234B	110	60.6	59.0	101	109	152	112B	242B	24
25	405B	268B	277B	189B	115	63.7	65.5	100	114	155	132B	232B	25
26	401B	297B	272B	149B	105	59.8	67.1	99.6	125	130	269B	228B	26
27	399B	249B	277B	126B	108	53.7	65.6	106	124	139	277B	247B	27
28	393B	227B	296B	149	117	54.9	65.3	111	121	152	258B	258B	28
29	353B		301B	157	133	62.6	58.3	116	111	128	284B	264B	29
30	318B		303B	160	123	53.8	66.5	117	118	140	288B	233B	30
31	366B		253B		105		69.7	111		163		254B	31
TOTAL	10 892	9 004	7 674	5 736	3 217.3	1 956.8	1 887.5	2 917.5	3 428.9	4 878	6 376	8 562	TOTAL
MEAN	351	322	248	191	104	65.2	60.9	94.1	114	157	213	276	MEAN
MAX	429	375	303	271	138	101	72.0	122	128	175	301	336	MAX
MIN	234	227	178	104	89.2	53.7	51.4	58.3	95.9	128	112	228	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 182
MAXIMUM DAILY, 429B ON JAN 20
MINIMUM DAILY, 51.4 ON JUL 1
MAXIMUM INSTANTANEOUS,
431B AT 04:48 CST ON JAN 20

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 25 N
LONG 105 48 20 W
DRAINAGE AREA, 148 000 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	941 000	JUL	163 000
FEB	778 000	AUG	252 000
MAR	663 000	SEP	296 000
APR	496 000	OCT	421 000
MAY	278 000	NOV	551 000
JUN	169 000	DEC	740 000

TOTAL DISCHARGE, 5 750 000 dam³

SOUTH SASKATCHEWAN RIVER BELOW GARDINER DAM - STATION NO. 05HF004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.793	1.819	1.552	1.323	1.013	0.855	0.805	0.777A	1.088A	1.182A	1.161	1.633A	1
2	1.779	1.974	1.671	1.309	1.079	0.831	0.845	0.776A	1.053A	1.211A	1.233	1.627A	2
3	1.804	2.043	1.753	1.280	1.067	0.817	0.804	0.828A	1.091A	1.165A	1.274	1.610A	3
4	1.821	2.027	1.645	1.143	1.066	0.840	0.740	0.836A	0.996A	1.277A	1.340	1.636A	4
5	1.947	1.984	1.637	1.146	1.044	0.815	0.817	0.854A	0.952	1.212A	1.332A	1.628A	5
6	1.927	2.003	1.732	1.129	1.174	0.846	0.871	0.908A	0.986	1.203A	1.293	1.651A	6
7	1.950	2.015	1.726	1.237	1.063	0.880	0.761	0.944A	1.053	1.097A	1.316A	1.687	7
8	1.984	2.096	1.716	1.223	1.006	0.832	0.760	0.893A	1.005	1.190A	1.379A	1.682	8
9	2.135	2.103	1.611	1.441	1.034	0.873	0.840	1.109A	1.093	1.172A	1.389A	1.671A	9
10	2.087	1.991	1.657	1.368	1.068	0.857	0.759	1.044A	1.106	1.164A	1.358A	1.726A	10
11	2.078	1.981	1.547	1.441	1.027	0.875	0.792	1.088A	1.052	1.196A	1.346A	1.715A	11
12	2.070	1.959	1.581	1.439	1.069	0.805	0.791	1.053A	1.038	1.262A	1.401	1.642A	12
13	2.082	1.936	1.462	1.462	1.024	0.804	0.758	1.083A	1.172	1.315A	1.514	1.667A	13
14	2.087	1.892	1.400	1.482	1.026	0.835	0.836	1.079A	1.063	1.280A	1.425	1.710A	14
15	2.413	1.860	1.561	1.431	1.024	0.834	0.786A	0.956A	1.093	1.262A	1.492A	1.747	15
16	2.683	1.849	1.538	1.478	1.025	0.818	0.764A	1.115A	1.074	1.300A	1.562A	---	16
17	2.295	1.794	1.651	1.451	1.016	0.857	0.805A	1.062A	1.078	1.257A	1.567	---	17
18	2.135	1.827	1.595	1.450	1.017	0.795	0.731A	1.083	1.040	1.172A	1.558	---	18
19	2.090	1.737	1.565	1.476	1.027	0.841	0.840A	1.047	0.926	1.231A	1.618	---	19
20	2.085	1.614	1.475	1.425	1.038	0.824	0.825A	0.988	1.095	1.152A	1.626	---	20
21	2.092	1.554	1.414	1.392A	1.125	0.853	0.844A	0.976	1.076	1.174A	1.618	---	21
22	2.079	1.661	1.678	1.304A	0.986	0.853	0.865A	1.010	1.159A	1.025A	1.587	---	22
23	2.074	1.762	1.614	1.291	1.070	0.821	0.809A	1.028	1.140	1.052A	1.657	---	23
24	2.146	1.621	1.618	1.305	1.083	0.826	0.853A	1.025	1.130	1.180A	1.628	---	24
25	2.097	1.614	1.676	1.223	1.142	0.867	0.779A	1.062	1.047	1.089A	1.624	---	25
26	1.983	1.629	1.632	1.260	1.098	0.805	0.914A	1.098A	1.026	1.090A	1.625	---	26
27	2.025	1.603	1.661	1.281	0.953	0.803	0.886A	1.061A	1.128A	1.214	1.634	---	27
28	2.148	1.551	1.511	1.147	0.929	0.870	0.793A	0.993A	1.160A	1.267	1.637	---	28
29	2.059		1.586	1.150	0.945	0.885	0.787A	1.005A	1.212A	1.253	1.641	---	29
30	2.041		1.534	1.107	0.911	0.788	0.806A	1.126A	1.210A	1.119	1.627A	---	30
31	1.950		1.437		0.844		0.794A	1.108A		1.073		---	31
MEAN	2.063	1.839	1.595	1.320	1.032	0.837	0.808	1.000	1.078	1.188	1.482	---	MEAN
MAX	2.683	2.103	1.753	1.482	1.174	0.885	0.914	1.126	1.212	1.315	1.657	---	MAX
MIN	1.779	1.551	1.400	1.107	0.844	0.788	0.731	0.776	0.926	1.025	1.161	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.683 ON JAN 16
MINIMUM DAILY, 0.731A ON JUL 18
MAXIMUM INSTANTANEOUS,
2.762 AT 11:33 CST ON JAN 16

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 496.824 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 19 20 N
LONG 106 57 19 W

A - MANUAL GAUGE

REGULATED SINCE 1964

DRAINAGE AREA,
136 000 km²

SPANGLER DITCH NEAR GOVENLOCK - STATION NO. 11AB060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	1.11	0.101	0	0.831	0	0	---	---	1
2	---	---	0	0	0.518	1.12	0	0.803	0	0	---	---	2
3	---	---	0	0	0.034	1.14	0	0.793	0	0	---	---	3
4	---	---	0	0	0.012	1.14	0	0.788	0	0	---	---	4
5	---	---	0	0	0	1.15	0	0.722	0	0	---	---	5
6	---	---	0	0	0	1.18	0	0.654	0	0	---	---	6
7	---	---	0	0	0	1.20	0	0.369	0	0	---	---	7
8	---	---	0	0	0	1.21	0	0	0	0	---	---	8
9	---	---	0	0	0	1.23	0	0	0	0	---	---	9
10	---	---	0	0	0	1.12	0	0	0	0	---	---	10
11	---	---	0	0	0	0.783	0	0	0	0	---	---	11
12	---	---	0	0	0	0.441	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0.012	0	0	0	0	0	---	---	19
20	---	---	0	0	0.031	0	0	0	0	0	---	---	20
21	---	---	0	0	0.001	0	0.847	0	0	0	---	---	21
22	---	---	0	0	0	0	0.739	0	0	0	---	---	22
23	---	---	0	0	0	0	0.739	0	0	0	---	---	23
24	---	---	0	0	0	0	0.737	0	0	0	---	---	24
25	---	---	0	0	0	0	0.734	0	0	0	---	---	25
26	---	---	0	0	0	0	0.723	0	0	0	---	---	26
27	---	---	0	0	0	0	0.861	0	0	0	---	---	27
28	---	---	0	0.568A	0	0	0.598	0	0	0	---	---	28
29	---		0	1.22 A	0.014	0	0.998	0	0	0	---	---	29
30	---		0	1.24	0.097	0	0.931	0	0	0	---	---	30
31	---		0		0.025		0.846	0		0		---	31
TOTAL	---	---	0	3.028	1.854	11.775	9.153	4.960	0	0	---	---	TOTAL
MEAN	---	---	0	0.101	0.060	0.393	0.295	0.160	0	0	---	---	MEAN
MAX	---	---	0	1.24	1.11	1.23	0.998	0.831	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.126
MAXIMUM DAILY, 1.24 ON APR 30
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 16 N
LONG 109 54 58 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	791
FEB	---	AUG	429
MAR	0	SEP	0
APR	262	OCT	0
MAY	160	NOV	---
JUN	1 020	DEC	---

TOTAL DISCHARGE, 2 660 dam³

SPIRIT CREEK NEAR BUCHANAN - STATION NO. 05MB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.334B	0.019	0.001	0	0	0	0	---	---	1
2	---	---	0 B	0.418B	0.014	0.001	0	0	0	0	---	---	2
3	---	---	0 B	0.428B	0.009	0.001	0	0	0	0	---	---	3
4	---	---	0 B	0.441B	0.005	0	0	0	0	0	---	---	4
5	---	---	0 B	0.478B	0.003	0	0	0	0	0	---	---	5
6	---	---	0 B	0.521B	0.002	0	0	0	0	0	---	---	6
7	---	---	0 B	0.538B	0.002	0	0	0	0	0	---	---	7
8	---	---	0 B	0.582B	0.001	0.001	0	0	0	0	---	---	8
9	---	---	0 B	0.614B	0.001	0	0	0	0	0	---	---	9
10	---	---	0 B	0.614B	0.001	0	0	0	0	0	---	---	10
11	---	---	0 B	0.750B	0.001	0	0	0	0	0	---	---	11
12	---	---	0 B	1.03 B	0.001	0	0	0	0	0	---	---	12
13	---	---	0 B	1.60 B	0.001	0	0	0	0	0	---	---	13
14	---	---	0 B	2.36 B	0.001	0	0	0	0	0	---	---	14
15	---	---	0 B	1.97 B	0.001	0	0	0	0	0	---	---	15
16	---	---	0 B	1.30 B	0.002	0	0	0	0	0	---	---	16
17	---	---	0 B	1.04	0.002	0	0.015	0	0	0	---	---	17
18	---	---	0 B	0.665	0.003	0	0.010	0	0	0	---	---	18
19	---	---	0 B	0.385	0.003	0	0.005	0	0	0	---	---	19
20	---	---	0 B	0.293	0.003	0	0.001	0	0	0	---	---	20
21	---	---	0 B	0.302	0.002	0	0.001	0	0	0	---	---	21
22	---	---	0 B	0.190	0.002	0	0.001	0	0	0	---	---	22
23	---	---	0 B	0.136	0.002	0	0	0	0	0	---	---	23
24	---	---	0.008B	0.092	0.002	0	0	0	0	0	---	---	24
25	---	---	0.022B	0.081	0.001	0	0	0	0	0	---	---	25
26	---	---	0.033B	0.069	0.001	0	0	0	0	0	---	---	26
27	---	---	0.050B	0.052	0.001	0	0	0	0	0	---	---	27
28	---	---	0.070B	0.043	0.001	0	0	0	0	0	---	---	28
29	---		0.105B	0.036	0.001	0	0	0	0	0	---	---	29
30	---		0.167B	0.028	0.001	0	0	0	0	0	---	---	30
31	---		0.225B		0.001		0	0		0		---	31
TOTAL	---	---	0.680	17.390	0.090	0.004	0.033	0	0	0	---	---	TOTAL
MEAN	---	---	0.022	0.580	0.003	0	0.001	0	0	0	---	---	MEAN
MAX	---	---	0.225	2.36	0.019	0.001	0.015	0	0	0	---	---	MAX
MIN	---	---	0	0.028	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.074
MAXIMUM DAILY, 2.36B ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.53B AT 14:50 CST ON APR 14

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 36 N
LONG 102 48 21 W
DRAINAGE AREA, 259 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.85
FEB	---	AUG	0
MAR	58.8	SEP	0
APR	1 500	OCT	0
MAY	7.78	NOV	---
JUN	0.35	DEC	---

TOTAL DISCHARGE, 1 570 dam³

SPRUCE RIVER BELOW ANGLIN LAKE RESERVOIR - STATION NO. 05GG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.009B	0.013B	0.022B	0.343B	2.86	0.264	0.196	0.178	0.211	0.378	1.17	0.688	1
2	0.009B	0.012B	0.024B	0.369B	2.79	0.260	0.193	0.176	0.219	0.385	1.16	0.678	2
3	0.008B	0.012B	0.026B	0.363B	2.71	0.258	0.190	0.173	0.218	0.398	1.10	0.670	3
4	0.008B	0.013B	0.027B	0.352B	2.68	0.256	0.187	0.170	0.222	0.424	1.05	0.674	4
5	0.009B	0.012B	0.025B	0.337B	2.59	0.253	0.183	0.167	0.228	0.408	1.02	0.662	5
6	0.009B	0.013B	0.020B	0.333B	2.61	0.250	0.180	0.165	0.234	0.405	0.999	0.655	6
7	0.009B	0.013B	0.021B	0.335B	2.51	0.248	0.178	0.162	0.240	0.403	0.982	0.532	7
8	0.009B	0.013B	0.019B	0.749B	2.41	0.246	0.176	0.163	0.248	0.409	0.962	0.233	8
9	0.009B	0.015B	0.019B	1.02 B	2.32	0.244	0.174	0.165	0.256	0.411	0.948	0.230	9
10	0.009B	0.014B	0.019B	0.974B	1.24	0.242	0.172	0.167	0.264	0.407	0.928	0.227	10
11	0.009B	0.015B	0.018B	0.950	0.426	0.240	0.170	0.168	0.270	0.398	0.901	0.223	11
12	0.009B	0.015B	0.024B	0.921	0.422	0.238	0.172	0.169	0.278	0.406	0.875	0.224	12
13	0.009B	0.015B	0.028B	0.920	0.441	0.236	0.174	0.170	0.286	0.408	0.851	0.223	13
14	0.010B	0.016B	0.026B	0.911	0.451	0.234	0.176	0.171	0.304	0.411	0.837	0.222	14
15	0.010B	0.017B	0.025B	0.895	0.456	0.232	0.178	0.172	0.307	0.403	0.815	0.221	15
16	0.011B	0.018B	0.029B	0.881	0.455	0.230	0.180	0.173	0.313	0.408	0.800	0.220	16
17	0.010B	0.018B	0.029B	0.878	0.439	0.227	0.182	0.174	0.318	0.411	0.790	0.221	17
18	0.010B	0.019B	0.027B	0.866	0.452	0.224	0.184	0.175	0.326	0.396	0.784	0.219	18
19	0.011B	0.019B	0.026B	0.891	0.444	0.222	0.185	0.176	0.332	0.378	0.798	0.219	19
20	0.011B	0.021B	0.029B	0.914	0.445	0.220	0.185	0.177	0.347	0.365	0.819	0.222	20
21	0.011B	0.022B	0.031B	0.946	0.376	0.218	0.181	0.178	0.350	0.366	0.802	0.222	21
22	0.010B	0.027B	0.034B	1.01	0.326	0.216	0.181	0.180	0.361	0.784	0.784	0.227	22
23	0.010B	0.029B	0.037B	1.43	0.322	0.214	0.180	0.182	0.374	1.40	0.781	0.233	23
24	0.011B	0.028B	0.040B	1.73	0.313	0.212	0.175	0.184	0.364	1.37	0.768	0.231	24
25	0.011B	0.025B	0.044B	1.78	0.302	0.210	0.175	0.186	0.378	1.34	0.756	0.231	25
26	0.010B	0.028B	0.047B	2.41	0.310	0.207	0.178	0.188	0.387	1.33	0.740	0.233	26
27	0.011B	0.024B	0.048B	2.85	0.314	0.204	0.182	0.190	0.376	1.31	0.725	0.235	27
28	0.012B	0.019B	0.046B	2.86	0.282	0.202	0.183	0.192	0.407	1.29	0.712	0.236	28
29	0.011B		0.222B	2.88	0.278	0.200	0.182	0.195	0.418	1.26	0.696	0.236	29
30	0.012B		0.354B	2.89	0.269	0.198	0.181	0.198	0.399	1.19	0.696	0.234	30
31	0.012B		0.334B		0.268		0.180	0.200		1.16		0.235	31
TOTAL	0.309	0.505	1.720	34.988	32.511	6.905	5.593	5.484	9.235	20.812	26.049	10.016	TOTAL
MEAN	0.010	0.018	0.055	1.17	1.05	0.230	0.180	0.177	0.308	0.671	0.868	0.323	MEAN
MAX	0.012	0.029	0.354	2.89	2.86	0.264	0.196	0.200	0.418	1.40	1.17	0.688	MAX
MIN	0.008	0.012	0.018	0.333	0.268	0.198	0.170	0.162	0.211	0.365	0.696	0.219	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.422
MAXIMUM DAILY, 2.89 ON APR 30
MINIMUM DAILY, 0.008B ON JAN 3
MAXIMUM INSTANTANEOUS,
2.91 AT 03:56 CST ON APR 30

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 50 N
LONG 106 00 30 W
DRAINAGE AREA, 670 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26.7	JUL	483
FEB	43.6	AUG	474
MAR	149	SEP	798
APR	3 020	OCT	1 800
MAY	2 810	NOV	2 250
JUN	597	DEC	865

TOTAL DISCHARGE, 13 300 dam³

SPRUCE RIVER DIVERSION TO EMMA LAKE - STATION NO. 05GG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.531	0	0	0	0	---	---	1
2	---	---	0	0	0	0.530	0	0	0	0	---	---	2
3	---	---	0	0	0.223E	0.531	0	0	0	0	---	---	3
4	---	---	0	0	0.536A	0.532	0	0	0	0	---	---	4
5	---	---	0	0	0.513	0.534	0	0	0	0	---	---	5
6	---	---	0	0	0.536	0.534	0	0	0	0	---	---	6
7	---	---	0	0	0.542	0.535	0	0	0	0	---	---	7
8	---	---	0	0	0.542	0.535	0	0	0	0	---	---	8
9	---	---	0	0	0.546	0.532	0	0	0	0	---	---	9
10	---	---	0	0	0.545	0.532	0	0	0	0	---	---	10
11	---	---	0	0	0.547	0.531	0	0	0	0	---	---	11
12	---	---	0	0	0.547	0.532	0	0	0	0	---	---	12
13	---	---	0	0	0.544	0.532	0	0	0	0	---	---	13
14	---	---	0	0	0.541	0.534	0	0	0	0	---	---	14
15	---	---	0	0	0.539	0.532	0	0	0	0	---	---	15
16	---	---	0	0	0.530	0.530	0	0	0	0	---	---	16
17	---	---	0	0	0.525	0.349	0	0	0	0	---	---	17
18	---	---	0	0	0.522	0	0	0	0	0	---	---	18
19	---	---	0	0	0.523	0	0	0	0	0	---	---	19
20	---	---	0	0	0.525	0	0	0	0	0	---	---	20
21	---	---	0	0	0.523	0	0	0	0	0	---	---	21
22	---	---	0	0	0.524	0	0	0	0	0	---	---	22
23	---	---	0	0	0.528	0	0	0	0	0	---	---	23
24	---	---	0	0	0.532	0	0	0	0	0	---	---	24
25	---	---	0	0	0.534	0	0	0	0	0	---	---	25
26	---	---	0	0	0.539	0	0	0	0	0	---	---	26
27	---	---	0	0	0.541	0	0	0	0	0	---	---	27
28	---	---	0	0	0.533	0	0	0	0	0	---	---	28
29	---		0	0	0.535	0	0	0	0	0	---	---	29
30	---		0	0	0.533	0	0	0	0	0	---	---	30
31	---		0		0.532		0	0		0		---	31
TOTAL	---	---	0	0	15.180	8.866	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.490	0.296	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.547	0.535	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.098
MAXIMUM DAILY, 0.547 ON MAY 11
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.548 AT 07:43 CST ON MAY 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 40 28 N
LONG 106 00 00 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 310	NOV	---
JUN	766	DEC	---

TOTAL DISCHARGE, 2 080 dam³

SQUAW COULEE NEAR WILLOW CREEK - STATION NO. 11AB103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	OB	0	0.002	0.260	0	0	0	0	---	---	1
2	---	---	OB	0	0.001	0.139	0	0	0	0	---	---	2
3	---	---	OB	0	0	0.076	0	0	0	0	---	---	3
4	---	---	OB	0	0	0.047	0	0	0	0	---	---	4
5	---	---	OB	0	0	0.029	0	0	0	0	---	---	5
6	---	---	OB	0	0	0.039	0	0	0	0	---	---	6
7	---	---	OB	0	0	0.092	0	0.099	0	0	---	---	7
8	---	---	OB	0	0	0.174	0	0.096	0	0	---	---	8
9	---	---	OB	0	0	0.129	0	0.062	0	0	---	---	9
10	---	---	OB	0	0	0.081	0	0.063	0	0	---	---	10
11	---	---	OB	0	0	0.070	0	0.056	0	0	---	---	11
12	---	---	OB	0.034	0	0.133	0	0.036	0	0	---	---	12
13	---	---	OB	0.649	0	0.332	0	0.023	0	0	---	---	13
14	---	---	OB	0.465	0	0.178	0	0.014	0	0	---	---	14
15	---	---	OB	1.70	0	0.128	0	0.007	0	0	---	---	15
16	---	---	OB	3.56	0	0.100	0	0.003	0	0	---	---	16
17	---	---	OB	3.82	0	0.074	0	0.002	0	0	---	---	17
18	---	---	OB	3.36	0	0.048	0	0	0	0	---	---	18
19	---	---	OB	0.598	0	0.032	0	0	0	0	---	---	19
20	---	---	OB	0.207	0	0.023	0	0	0	0	---	---	20
21	---	---	OB	0.117	0	0.016	0	0	0	0	---	---	21
22	---	---	OB	0.203	0	0.010	0	0	0	0	---	---	22
23	---	---	OB	0.180	0	0.006	0	0	0	0	---	---	23
24	---	---	OB	0.129	0	0.004	0	0	0	0	---	---	24
25	---	---	OB	0.075	0	0.002	0	0	0	0	---	---	25
26	---	---	OB	0.037	0	0.002	0	0	0	0	---	---	26
27	---	---	OB	0.020	0	0.001	0	0	0	0	---	---	27
28	---	---	OB	0.012	0	0.001	0	0	0	0	---	---	28
29	---		OB	0.005	0.488	0.001	0	0	0	0	---	---	29
30	---		0	0.003	4.55	0.001	0	0	0	0	---	---	30
31	---		0		0.714		0	0		0		---	31
TOTAL	---	---	0	15.166	5.755	2.228	0	0.461	0	0	---	---	TOTAL
MEAN	---	---	0	0.506	0.186	0.074	0	0.015	0	0	---	---	MEAN
MAX	---	---	0	3.82	4.55	0.332	0	0.099	0	0	---	---	MAX
MIN	---	---	0	0	0	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.096
MAXIMUM DAILY, 4.55 ON MAY 30
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
6.82 AT 02:30 CST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 11 N
LONG 109 48 23 W
DRAINAGE AREA, 102 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	39.8
MAR	0	SEP	0
APR	1 310	OCT	0
MAY	497	NOV	---
JUN	192	DEC	---

TOTAL DISCHARGE, 2 040 dam³

STONY CREEK NEAR KAMSACK - STATION NO. 05MD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.001B	0.023B	0.010	0.004	0.002	0.024	0.001	0.005	---	---	1
2	---	---	0.001B	0.010B	0.007	0.003	0.002	0.021	0.001	0.007	---	---	2
3	---	---	0.001B	0.006B	0.004	0.003	0.001	0.017	0.001	0.009	---	---	3
4	---	---	0.001B	0.005B	0.005	0.003	0.001	0.012	0.001	0.008	---	---	4
5	---	---	0.001B	0.004B	0.010	0.115	0.001	0.020	0.002	0.006	---	---	5
6	---	---	0.001B	0.007B	0.008	0.021	0.001	0.014	0.002	0.022	---	---	6
7	---	---	0.001B	0.066B	0.005	0.008	0.001	0.011	0.001	0.072	---	---	7
8	---	---	0.001B	0.260B	0.004	0.007	0.001	0.008	0.001	0.104	---	---	8
9	---	---	0.001B	0.494B	0.003	0.006	0.001	0.006	0.002	0.071	---	---	9
10	---	---	0.001B	0.851B	0.003	0.005	0.001	0.005	0.002	0.038	---	---	10
11	---	---	0.001B	0.784B	0.003	0.005	0.002	0.004	0.002	0.027	---	---	11
12	---	---	0.001B	1.10 B	0.003	0.004	0.002	0.003	0.002	0.021	---	---	12
13	---	---	0.001B	1.20 B	0.003	0.004	0.002	0.002	0.002	0.017	---	---	13
14	---	---	0.001B	1.25 B	0.003	0.003	0.002	0.001	0.005	0.012	---	---	14
15	---	---	0.001B	1.47 B	0.003	0.004	0.003	0.003	0.002	0.009	---	---	15
16	---	---	0.001B	2.18 B	0.003	0.004	0.270	0.001	0.001	0.016	---	---	16
17	---	---	0.001B	2.50 B	0.005	0.004	3.52	0.001	0.001	0.022	---	---	17
18	---	---	0.001B	2.37 B	0.006	0.004	2.99	0.006	0.001	0.030	---	---	18
19	---	---	0.001B	1.70 B	0.005	0.004	1.78	0.004	0.002	0.020	---	---	19
20	---	---	0.001B	1.06 B	0.006	0.004	0.846	0.001	0.002	0.015	---	---	20
21	---	---	0.001B	0.894B	0.039	0.003	0.336	0.001	0.008	0.011	---	---	21
22	---	---	0.001B	0.754	0.013	0.003	0.118	0.001	0.003	0.010	---	---	22
23	---	---	0.003B	0.640	0.006	0.003	0.067	0.001	0.001	0.011	---	---	23
24	---	0.001B	0.001B	0.546	0.005	0.003	0.030	0.001	0.001	0.012	---	---	24
25	---	0.001B	0.001B	0.416	0.004	0.003	0.206	0.002	0.002	0.013	---	---	25
26	---	0.001B	0.001B	0.302	0.004	0.003	0.208	0.002	0.002	0.012	---	---	26
27	---	0.001B	0.001B	0.198	0.003	0.003	0.156	0.001	0.002	0.013	---	---	27
28	---	0.001B	0.017B	0.096	0.004	0.002	0.100	0.001	0.008	0.013	---	---	28
29	---		0.072B	0.100	0.004	0.002	0.073	0.001	0.005	0.031A	---	---	29
30	---		0.080B	0.040	0.005	0.002	0.061	0.001	0.011	0.035E	---	---	30
31	---		0.200B		0.005		0.022	0.001		0.040E		---	31
TOTAL	---	---	0.398	21.326	0.191	0.242	10.866	0.177	0.077	0.732	---	---	TOTAL
MEAN	---	---	0.013	0.711	0.006	0.008	0.349	0.006	0.003	0.024	---	---	MEAN
MAX	---	---	0.200	2.50	0.039	0.115	3.52	0.024	0.011	0.104	---	---	MAX
MIN	---	---	0.001	0.004	0.003	0.002	0.001	0.001	0.001	0.005	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.139
MAXIMUM DAILY, 3.52 ON JUL 17
MINIMUM DAILY, 0.001B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.60 AT 17:02 CST ON JUL 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 19 N
LONG 101 50 19 W
DRAINAGE AREA, 445 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	930
FEB	---	AUG	15.3
MAR	34.4	SEP	6.65
APR	1 840	OCT	63.2
MAY	16.5	NOV	---
JUN	20.9	DEC	---

TOTAL DISCHARGE, 2 930 dam³

REMARKS - STAGE-DISCHARGE RELATION NOT DEFINED BY DISCHARGE MEASUREMENT ABOVE 1.8 m³/s

STONY CREEK NEAR STENEN - STATION NO. 05NC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 B	0.027	0	0	0	0	0	---	---	1
2	---	---	0 B	0 B	0.011	0	0	0	0	0	---	---	2
3	---	---	0 B	0 B	0.008	0	0	0	0	0	---	---	3
4	---	---	0 B	0 B	0.007	0	0	0	0	0	---	---	4
5	---	---	0 B	0 B	0.005	0	0	0	0	0	---	---	5
6	---	---	0 B	0 B	0.004	0	0	0	0	0	---	---	6
7	---	---	0 B	0 B	0.003	0	0	0	0	0	---	---	7
8	---	---	0 B	0 B	0.002	0	0	0	0	0	---	---	8
9	---	---	0 B	0 B	0.002	0	0	0	0	0	---	---	9
10	---	---	0 B	0 B	0.001	0	0	0	0	0	---	---	10
11	---	---	0 B	0.020B	0.001	0	0	0	0	0	---	---	11
12	---	---	0 B	0.040B	0.001	0	0	0	0	0	---	---	12
13	---	---	0 B	0.074B	0.001	0	0	0	0	0	---	---	13
14	---	---	0 B	0.140B	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.170B	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.405B	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.257B	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.139B	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.482	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.438	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.400	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.354	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.297	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0.250	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0.212	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0.174	0	0	0	0	0	0	---	---	26
27	---	---	0 B	0.138	0	0	0	0	0	0	---	---	27
28	---	---	0 B	0.106	0	0	0	0	0	0	---	---	28
29	---		0.008B	0.073	0	0	0	0	0	0A	---	---	29
30	---		0.004B	0.048	0	0	0	0	0	0E	---	---	30
31	---		0.001B		0.001		0	0		0E		---	31
TOTAL	---	---	0.013	4.217	0.074	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.141	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.008	0.482	0.027	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.482 ON APR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.998B AT 08:36 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 58 N
LONG 102 19 48 W
DRAINAGE AREA, 253 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1.12	SEP	0
APR	364	OCT	0
MAY	6.39	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 372 dam³

STURGEON LAKE NEAR PRINCE ALBERT - STATION NO. 05GF003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	7.936E	---	---	7.895	---	---	---	1
2	---	---	---	---	---	7.933	---	---	7.889	---	---	---	2
3	---	---	---	---	---	7.932	---	---	7.885	---	---	---	3
4	---	---	---	---	---	7.924	---	---	7.879	---	---	---	4
5	---	---	---	---	---	7.920	---	---	7.880	---	---	---	5
6	---	---	---	---	---	7.921	---	---	7.872	---	---	---	6
7	---	---	---	---	---	7.909	---	---	7.871	---	---	---	7
8	---	---	---	---	---	7.907	---	---	7.868	---	---	---	8
9	---	---	---	---	---	7.909	---	---	7.862	---	---	---	9
10	---	---	---	---	---	7.908	---	---	7.860	---	---	---	10
11	---	---	---	---	---	7.921	---	---	7.852	---	---	---	11
12	---	---	---	---	---	7.921	---	---	7.851	---	---	---	12
13	---	---	---	---	---	7.907	---	---	7.851	---	---	---	13
14	---	---	---	---	---	7.910	---	---	7.850	---	---	---	14
15	---	---	---	---	---	7.922	---	---	7.849	---	---	---	15
16	---	---	---	---	---	7.915E	---	---	7.848	---	---	---	16
17	---	---	---	---	---	7.908E	---	---	7.848	---	---	---	17
18	---	---	---	---	---	7.902	---	7.950	---	---	---	---	18
19	---	---	---	---	---	7.901	---	7.960	---	---	---	---	19
20	---	---	---	---	---	7.887	---	7.940	---	---	---	---	20
21	---	---	---	---	---	7.891	---	7.920	---	---	---	---	21
22	---	---	---	---	---	7.873	---	7.918	---	---	---	---	22
23	---	---	---	---	---	7.875	---	7.910	---	---	---	---	23
24	---	---	---	---	---	7.863	---	7.908	---	---	---	---	24
25	---	---	---	---	---	7.849	---	7.913	---	---	---	---	25
26	---	---	---	---	---	7.842	---	7.899	---	---	---	---	26
27	---	---	---	---	---	7.838	---	7.893	---	---	---	---	27
28	---	---	---	---	---	7.839	---	7.909	---	---	---	---	28
29	---		---	---	---	7.840	---	7.895	---	---	---	---	29
30	---		---	---	---	7.849	---	7.896	---	---	---	---	30
31	---		---		---		---	7.899		---		---	31
MEAN	---	---	---	---	---	7.895	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	7.936	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	7.838	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 25 21 N
LONG 106 09 42 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

STURGEON RIVER NEAR PRINCE ALBERT - STATION NO. 05GP002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.140B	0.280B	8.24	2.10	0.474	0.276	0.770E	0.860	1.10 B	---	1
2	---	---	0.140B	0.280B	8.37	2.05	0.439	0.265	0.745E	0.890	0.940B	---	2
3	---	---	0.140B	0.285B	8.02	1.95	0.465	0.334	0.720E	0.873	0.999B	---	3
4	---	---	0.140B	0.295B	7.68	1.89	0.452	0.347	0.710E	1.01	1.12 B	---	4
5	---	---	0.140B	0.305B	7.12	1.86	0.429	0.355	0.700E	0.918	1.14 B	---	5
6	---	---	0.142B	0.315B	6.66	2.09	0.465	0.378	0.700E	0.943	---	---	6
7	---	---	0.145B	0.330B	6.17	2.10	0.486	0.368	0.700E	0.969	---	---	7
8	---	---	0.148B	0.345B	5.61	1.87	0.418	0.335	0.700E	0.951	---	---	8
9	---	---	0.151B	0.360B	5.11	1.72	0.354	0.303	0.700E	0.973	---	---	9
10	---	---	0.154B	0.380B	4.75	1.65	0.300	0.352	0.700E	1.08	---	---	10
11	---	---	0.175B	0.405B	4.49	1.59	0.250	0.373	0.710E	1.17	---	---	11
12	---	---	0.195B	0.435B	4.19	1.48	0.188	0.631	0.730E	1.19	---	---	12
13	---	---	0.210B	0.465B	3.86	1.42	0.620	1.46	0.750A	1.16	---	---	13
14	---	---	0.225B	0.495B	3.61	1.35	0.480A	2.07	0.760	1.19	---	---	14
15	---	---	0.240B	0.470B	3.35	1.29	0.380E	2.03	0.770	1.18	---	---	15
16	---	---	0.250B	1.57 B	3.08	1.21	0.350E	1.77	0.780	1.19	---	---	16
17	---	---	0.260B	2.99 B	2.88	1.14	0.325E	1.23	0.790	1.21	---	---	17
18	---	---	0.275B	2.90 B	2.73	1.04	0.310A	0.788	0.798	1.17	---	---	18
19	---	---	0.290B	2.75 B	2.54	0.971	0.300	0.824	0.800	1.16	---	---	19
20	---	---	0.300B	2.54 B	2.40	0.925	0.286	0.861	0.800	1.25	---	---	20
21	---	---	0.305B	2.85 B	2.39	0.879	0.274	0.638	0.810	1.21	---	---	21
22	---	---	0.310B	4.16 B	2.30	0.789	0.299	0.656	0.810	1.18	---	---	22
23	---	---	0.310B	4.00	2.33	0.786	0.433	0.694	0.820	1.20	---	---	23
24	---	---	0.305B	4.60	2.31	0.752	0.297	0.687	0.820	1.19	---	---	24
25	---	---	0.300B	4.72	2.35	0.687	0.279	0.720A	0.830	1.22	---	---	25
26	---	---	0.295B	5.62	2.27	0.617	0.280	0.740E	0.830	1.24	---	---	26
27	---	---	0.292B	6.38	2.48	0.547	0.356	0.730E	0.840	1.20	---	---	27
28	---	---	0.289B	6.94	2.46	0.525	0.331	0.720E	0.853	1.17	---	---	28
29	---		0.286B	7.63	2.42	0.518	0.319	0.720E	0.902	1.17	---	---	29
30	---		0.283B	7.89	2.28	0.496	0.278	0.740E	0.896	1.19	---	---	30
31	---		0.280B		2.14		0.307	0.780E		1.11 B		---	31
TOTAL	---	---	7.115	72.985	126.59	38.290	11.116	23.175	23.236	34.625	---	---	TOTAL
MEAN	---	---	0.230	2.43	4.08	1.28	0.359	0.748	0.775	1.11	---	---	MEAN
MAX	---	---	0.310	7.89	8.37	2.10	0.620	2.07	0.902	1.25	---	---	MAX
MIN	---	---	0.140	0.280	2.14	0.496	0.100	0.265	0.700	0.868	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 8.37 ON MAY 2
MINIMUM DAILY, 0.100 ON JUL 12
MAXIMUM INSTANTANEOUS,
8.49 AT 02:43 CST ON MAY 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 12 47 N
LONG 105 53 06 W
DRAINAGE AREA, 5 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	960
FEB	---	AUG	2 080
MAR	615	SEP	2 010
APR	6 310	OCT	2 970
MAY	10 900	NOV	---
JUN	3 310	DEC	---

TOTAL DISCHARGE, 29 100 dam³

STURGEON-WEIR RIVER AT LEAF RAPIDS - STATION NO. 05KG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.3E	14.1	13.7	13.6	19.3	24.7	28.9	29.1	36.7	34.3	33.6	32.5	1
2	14.3E	14.1	13.7	13.7	19.4	24.7	28.7	28.8	36.9	34.4	33.5	32.6	2
3	14.3E	14.0	13.7	13.7	19.7	24.7	28.5	29.2	37.4	34.3	33.2	32.7	3
4	14.3E	14.0	13.7	13.7	20.0	24.8	28.7	29.2	37.5	34.1	32.9	32.7	4
5	14.3E	14.0	13.6	13.7	20.8	24.9	28.5	29.1	37.5	33.6	32.7	33.0	5
6	14.3E	14.0	13.6	13.6	21.6	25.7	28.8	29.2	37.1	33.3	32.7	33.2A	6
7	14.3E	14.1	13.5	13.5	22.3	25.9	28.5	30.6	37.0	33.2	32.5	33.2E	7
8	14.3E	14.1	13.4	13.4	22.5	26.0	28.2	31.4	37.0	33.1	32.4	33.2E	8
9	14.3E	14.0	13.6	13.5	22.3	26.3	28.7	31.4	37.0	33.1	32.3	33.2E	9
10	14.3E	14.0	13.5	13.5	22.3	26.5	29.5	31.3	36.8	32.9	32.1	33.2E	10
11	14.3E	14.0	13.6	13.3	22.1	26.5	29.1	31.2	36.7	32.8	32.5	33.2E	11
12	14.3E	13.9	14.1	13.3	21.9	26.5	29.0	31.3	36.7	32.9	32.0	33.2E	12
13	14.3E	13.8	14.0	13.3	21.8	26.6	28.9	32.8	36.4	32.9	31.9	33.2E	13
14	14.3E	14.0	14.4	13.3	22.1	26.6	29.2	34.0	36.0	33.0	31.9	33.2E	14
15	14.3E	14.0	14.5	13.4	23.0	26.5	29.4	36.2	35.7	33.0	32.1	33.2E	15
16	14.3E	14.0	14.4	13.6	21.9	26.4	29.4	37.3	35.9	33.1	32.1	33.2E	16
17	14.3E	14.0	14.3	13.8	22.0	26.4	29.4	37.6	35.8	34.3	32.1	33.2E	17
18	14.3A	13.9	14.1	13.9	22.1	26.3	29.0	37.8	35.8	34.4	32.2	33.2E	18
19	14.2	13.9	14.0	14.0	22.3	26.0	29.0	37.4	35.5	34.3	32.4	33.2E	19
20	14.1	13.9	13.9	14.3	22.4	27.1	29.1	37.3	35.3	34.1	32.7	33.2E	20
21	14.1	13.9	13.9	14.5	22.5	27.1	28.9	37.1	35.2	33.9	32.8	33.2E	21
22	13.9	13.9	13.8	14.9	22.6	27.0	28.6	36.9	35.2	33.7	32.8	33.2E	22
23	14.1	13.8	13.8	15.2	22.6	28.2	28.2	36.8	35.2	33.5	32.7	33.3E	23
24	14.0	13.7	13.7	15.6	22.7	29.3	28.4	36.7	34.9	33.5	32.7	33.3E	24
25	14.0	13.8	13.7	16.0	22.7	29.8	28.8	36.3	34.8	33.4	32.5	33.3E	25
26	14.1	13.7	13.6	16.6	22.9	30.1	28.8	35.9	34.7	33.4	32.4	33.3E	26
27	14.1	13.7	13.5	16.8	23.2	30.0	28.9	35.6	34.3	33.4	32.4	33.3E	27
28	14.3	13.7	13.5	17.2	23.6	29.7	29.1	35.4	34.2	33.6	32.4	33.3E	28
29	14.2		13.5	17.9	24.1	29.4	29.1	35.8	34.8	33.7	32.3	33.3E	29
30	14.1		13.5	18.8	24.3	29.1	29.1	35.9	34.6	33.6	32.3	33.3E	30
31	14.1		13.6		24.6		29.3	36.4		33.7		33.3E	31
TOTAL	440.7	390.0	427.8	435.6	686.6	889.6	895.7	1 051.0	1 078.6	1 040.5	975.1	1 027.6	TOTAL
MEAN	14.2	13.9	13.8	14.5	22.1	27.0	28.9	33.9	36.0	33.6	32.5	33.1	MEAN
MAX	14.3	14.1	14.5	18.8	24.6	30.1	29.5	37.8	37.5	34.4	33.6	33.3	MAX
MIN	13.9	13.7	13.4	13.3	19.3	24.7	28.2	28.8	34.2	32.8	31.9	32.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.6
MAXIMUM DAILY, 37.8 ON AUG 18
MINIMUM DAILY, 13.3 ON APR 11
MAXIMUM INSTANTANEOUS,
38.0 AT 02:11 CST ON AUG 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 49 40 N
LONG 102 38 00 W
DRAINAGE AREA, 12 600 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 100	JUL	77 400
FEB	33 700	AUG	90 800
MAR	37 000	SEP	93 200
APR	37 600	OCT	89 900
MAY	59 300	NOV	84 200
JUN	69 900	DEC	88 800

TOTAL DISCHARGE, 800 800 dam³

STURGEON-WEIR RIVER AT OUTLET OF AMISK LAKE - STATION NO. 05KG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.5	21.4E	21.8	20.7	21.8	28.8	38.5	35.1	35.4	34.6E	36.6	37.5E	1
2	20.7	21.4E	21.5	21.3	22.1	29.2	36.8	35.0	35.6	34.6E	37.6	37.5E	2
3	20.8	21.4A	21.5	21.2	23.5	29.7	36.6	36.0	36.1	34.6E	36.3	37.6E	3
4	20.9	21.5	21.4	20.9	23.6	29.7	36.8	36.2	37.0	34.6E	36.7	37.6E	4
5	21.1	21.6	21.2	21.1	23.7	29.6	37.1	36.0	35.8	34.6E	33.7	37.6E	5
6	21.0	21.7	20.8	21.0	24.0	30.5	36.6	36.8	35.0	34.6E	34.9	37.6E	6
7	21.0	21.9	20.7	21.1	23.9	30.9	36.8	35.9	34.7	34.6A	35.2	37.7E	7
8	20.9E	21.8	20.7	21.0	24.0	29.1	35.3	37.8	35.0	35.1	34.7	37.7E	8
9	21.0E	21.8	20.9	21.1	24.4	30.0	36.2	36.5	35.1	35.4	34.3	37.7E	9
10	21.0E	21.9	20.8	20.6	24.6	29.8	36.0	35.9	34.8	35.4	34.6	37.8E	10
11	21.0E	22.0	21.1	20.8	24.8	29.2	36.3	35.4	34.5	34.3	39.5	37.8E	11
12	21.1E	22.2	21.6	21.0	25.0	29.5	36.9	35.5	34.5A	35.0	37.0A	37.8E	12
13	21.1E	22.0	21.5	20.9	25.4	30.2	36.7	35.7	34.5E	35.2	37.0E	37.9E	13
14	21.1E	22.2	21.1	21.0	26.2	30.8	37.3	35.7	34.5E	35.6	37.1E	37.9E	14
15	21.1E	21.9	21.7	21.0	26.2	30.0	37.8	37.8	34.5E	35.9	37.1E	37.9E	15
16	21.1E	21.8	21.6	21.1	26.1	30.5	37.5	37.5	34.5E	36.8	37.1E	38.0E	16
17	21.1E	21.9	22.0	21.0	26.2	30.4	37.9	37.4	34.5E	36.1	37.2E	38.0E	17
18	21.2E	21.8	22.0	21.0	26.4	30.2	36.0	37.9	34.6E	36.5	37.2E	38.0E	18
19	21.2E	22.0	21.6	20.8	26.6	32.6	35.3	37.7	34.6E	36.1	37.2E	38.0E	19
20	21.2E	22.0	21.7	20.8	26.7	34.4	36.5	36.9	34.6E	35.5	37.2E	38.0E	20
21	21.2E	21.4	21.2	20.8	26.8	33.9	36.5	36.1	34.6E	35.7	37.2E	38.0E	21
22	21.2E	21.6	21.4	21.0	27.1	34.0	34.2	35.8	34.6E	35.1	37.2E	38.0E	22
23	21.2E	21.4	21.7	21.2	27.1	36.8	34.4	35.8	34.6E	35.8	37.2E	38.1E	23
24	21.3E	21.2	21.4	21.3	27.3	38.0	35.6	35.8	34.6E	35.9	37.3E	38.1E	24
25	21.3E	21.6	20.9	21.0	27.6	37.7	36.0	35.4	34.6E	35.8	37.3E	38.1E	25
26	21.3E	21.7	21.0	20.9	27.9	38.1	35.8	35.3	34.6E	36.1	37.3E	38.2E	26
27	21.3E	21.8	21.1	20.9	27.5	38.1	35.1	34.3	34.6E	35.9	37.4E	38.2E	27
28	21.3E	22.0	21.4	21.4	28.1	38.1	34.5	33.6	34.6E	36.7	37.4E	38.2E	28
29	21.3E		21.3	21.2	28.7	40.3	35.9	34.8	34.6E	36.8	37.4E	38.3E	29
30	21.4E		21.8	21.4	28.6	39.4	36.1	34.5	34.6E	35.8	37.5E	38.3A	30
31	21.4E		21.3		28.5		36.6	35.0		35.7		38.3E	31
TOTAL	654.3	688.9	661.7	630.5	800.4	978.7	1 123.6	1 118.7	1 045.8	1 098.4	1 099.4	1 175.4	TOTAL
MEAN	21.1	21.7	21.3	21.0	25.8	32.6	36.2	36.1	34.9	35.4	36.6	37.9	MEAN
MAX	21.4	22.2	22.0	21.4	28.7	40.3	38.5	39.5	37.0	36.8	39.5	38.3	MAX
MIN	20.5	21.2	20.7	20.6	21.8	28.8	34.2	33.6	34.5	34.3	33.7	37.5	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.1
MAXIMUM DAILY, 40.3 ON JUN 29
MINIMUM DAILY, 20.5 ON JAN 1
MAXIMUM INSTANTANEOUS,
43.7 AT 15:19 CST ON AUG 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 20 N
LONG 102 10 30 W
DRAINAGE AREA, 14 600 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	56 500	JUL	97 100
FEB	52 600	AUG	96 700
MAR	57 200	SEP	90 400
APR	54 500	OCT	94 900
MAY	69 200	NOV	95 000
JUN	84 600	DEC	102 000

TOTAL DISCHARGE, 951 000 dam³

SWAN RIVER NEAR NORQUAY - STATION NO. 05LE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.580B	0.249B	0.306B	0.445B	9.55	2.80	0.732	4.66	0.954	1.67	1.53	0.502B	1
2	0.575B	0.257B	0.287B	0.446B	8.32	3.11	0.731	4.12	1.19	2.25	1.36 B	0.503B	2
3	0.570B	0.297B	0.307B	0.481B	7.85	3.38	0.759	4.25	1.43	2.31	1.30 B	0.504B	3
4	0.568B	0.338B	0.310B	0.450B	7.06	3.53	0.754	4.51	1.42	2.43	1.20 B	0.505B	4
5	0.567B	0.335B	0.322B	0.419B	6.12	3.29	0.981	4.38	1.32	2.71	1.15 B	0.507B	5
6	0.566B	0.339B	0.314B	0.489B	5.26	3.18	1.10	3.85	1.27	2.80	1.10 B	0.508B	6
7	0.555B	0.353B	0.284B	0.611B	4.53	3.66	1.09	3.39	1.18	2.93	1.10 B	0.509B	7
8	0.530B	0.324B	0.248B	0.797B	4.40	4.31	0.905	3.06	1.14	2.75	1.02 B	0.511B	8
9	0.531B	0.325B	0.264B	1.16 B	4.09	3.82	0.867	2.92	1.14	2.74	0.928B	0.593B	9
10	0.583B	0.345B	0.287B	1.62 B	3.57	3.16	0.778	2.55	1.14	2.69	0.883B	0.594B	10
11	0.637B	0.344B	0.297B	1.50 B	3.18	2.69	0.707	2.12	1.10	2.65	0.888B	0.595B	11
12	0.660B	0.297B	0.310B	2.31 B	3.06	2.38	0.707	1.83	1.04	2.64	0.795B	0.596B	12
13	0.673B	0.283B	0.306B	3.25 B	2.81	2.05	0.716	1.64	1.28	2.53	0.810B	0.598B	13
14	0.662B	0.294B	0.307B	2.89 B	2.59	1.89	0.664	1.59	1.14	2.50	0.765B	0.599B	14
15	0.666B	0.270B	0.327B	2.32 B	2.84	1.80	0.626	1.63	0.934	2.44	0.802B	0.600B	15
16	0.645B	0.294B	0.300B	1.59 B	3.42	1.53	0.612	1.56	0.865	2.35	0.815B	0.602B	16
17	0.652B	0.322B	0.312B	5.47 B	3.01	1.42	1.18	1.41	0.835	2.27	0.791B	0.603B	17
18	0.675B	0.378B	0.308B	7.34 B	2.92	1.34	5.38	1.36	0.776	2.18	0.726B	0.605B	18
19	0.645B	0.405B	0.300B	8.11 B	3.06	1.42	11.1	1.26	0.781	2.15	0.669B	0.606B	19
20	0.636B	0.387B	0.308B	9.32 B	3.00	1.43	16.1	1.19	0.928	2.07	0.673B	0.607B	20
21	0.627B	0.380B	0.317B	9.99 B	3.12	1.38	20.0	1.16	0.898	2.04	0.631B	0.608B	21
22	0.617B	0.365B	0.314B	11.3 B	3.36	1.38	21.4	1.13	0.867	1.90	0.595B	0.610B	22
23	0.600B	0.353B	0.364B	17.0 B	3.25	1.34	20.3	1.07	0.861	1.85	0.598B	0.611B	23
24	0.589B	0.354B	0.403B	16.0	2.97	1.20	17.4	1.01	0.779	1.84	0.595B	0.612B	24
25	0.527B	0.358B	0.360B	15.0	2.80	1.12	13.3	1.01	0.717	1.82	0.596B	0.613B	25
26	0.498B	0.344B	0.338B	14.1	2.67	1.13	10.2	1.04	0.705	1.80	0.575B	0.615B	26
27	0.460B	0.327B	0.293B	12.4	2.68	1.10	8.34	1.07	0.631	1.78	0.542B	0.617B	27
28	0.340B	0.337B	0.307B	11.6	2.57	1.06	7.27	1.04	0.668	1.78	0.575B	0.618B	28
29	0.285B		0.412B	11.2	2.16	0.961	6.19	0.979	0.878	1.74	0.580B	0.620B	29
30	0.252B		0.492B	10.6	2.13	0.834	5.60	0.898	1.21	1.68	0.589B	0.622B	30
31	0.255B		0.474B		2.49		5.22	0.887		1.63		0.624B	31
TOTAL	17.234	9.254	10.078	180.288	120.84	63.695	181.709	64.554	30.077	68.92	25.094	18.658	TOTAL
MEAN	0.556	0.331	0.325	6.01	3.90	2.12	5.86	2.08	1.00	2.22	0.836	0.602	MEAN
MAX	0.675	0.405	0.492	17.0	9.55	4.31	21.4	4.66	1.43	2.93	1.53	0.624	MAX
MIN	0.252	0.249	0.248	0.419	2.13	0.834	0.612	0.887	0.631	1.63	0.542	0.502	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.17
MAXIMUM DAILY, 21.4 ON JUL 22
MINIMUM DAILY, 0.2488 ON MAR 8
MAXIMUM INSTANTANEOUS,
21.6 AT 12:49 CST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 52 N
LONG 102 04 26 W
DRAINAGE AREA, 1 930 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 490	JUL	15 780
FEB	800	AUG	5 580
MAR	871	SEP	2 600
APR	15 600	OCT	5 950
MAY	10 400	NOV	2 170
JUN	5 500	DEC	1 610

TOTAL DISCHARGE, 68 300 dam³

SWIFT CURRENT CANAL AT SWIFT CURRENT - STATION NO. 05ND034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.152	1.35	0.278	1.78	0.125	0.024	---	---	1
2	---	---	0	0	0.147	1.33	0.230	1.70	0.163	0.023	---	---	2
3	---	---	0	0	0.388	1.29	0.130	1.77	0.232	0.020	---	---	3
4	---	---	0	0	0.230	1.29	0.109	1.98	0.199	0.007	---	---	4
5	---	---	0	0	0.189	1.26	0.116	1.92	0.171	0.074	---	---	5
6	---	---	0	0	0.163	1.21	0.177	1.94	0.198	0.165	---	---	6
7	---	---	0	0	0.169	1.34	0.174	1.96	0.191	0.572	---	---	7
8	---	---	0	0	0.161	1.42	0.181	1.98	0.171	0.339	---	---	8
9	---	---	0	0	0.184	0.983	0.145	1.99	0.168	0	---	---	9
10	---	---	0	0	0.136	0.135	0.180	1.66	0.153	0	---	---	10
11	---	---	0	0	0.133	0.184	0.145	0.838	0.130	0	---	---	11
12	---	---	0	0	0.128	0.170	0.132	0.128	0.143	0.199	---	---	12
13	---	---	0	0	0.123	0.160	0.145	0.134	0.130	0.168	---	---	13
14	---	---	0	0	0.110	0.161	0.191	0.130	0.125	0.164	---	---	14
15	---	---	0	0	0.104	0.174	0.188	0.028	0.126	0.159	---	---	15
16	---	---	0	0	0.092	0.175	0.177	0.180	0.112	0.136	---	---	16
17	---	---	0	0	0.260	0.212	0.176	0.193	0.108	0.118	---	---	17
18	---	---	0	0	0.449	0.273	0.153	0.098	0.113	0.057	---	---	18
19	---	---	0	0	0.433	0.226	0.118	0.067	0.110	0	---	---	19
20	---	---	0	0	0.420	0.232	0.093	0.135	0.103	0	---	---	20
21	---	---	0	0	0.388	0.242	0.087	0.100	0.095	0	---	---	21
22	---	---	0	0	1.50	0.248	0.073	0.097	0.027	0	---	---	22
23	---	---	0	0	2.25	0.247	0.071	0.104	0.125	0	---	---	23
24	---	---	0	0	2.24	0.257	0.073	0.127	0.104	0	---	---	24
25	---	---	0	0	2.21	0.259	0.103	0.135	0.049	0	---	---	25
26	---	---	0	0	2.20	0.259	0.212	0.121	0.040	0	---	---	26
27	---	---	0	0	2.07	0.261	1.08	0.128	0.031	0	---	---	27
28	---	---	0	0	1.99	0.262	1.43	0.125	0.035	0	---	---	28
29	---		0	0	1.64	0.256	1.53	0.141	0.034	0	---	---	29
30	---		0	0.057	1.37	0.251	1.68	0.131	0.031	0	---	---	30
31	---		0		1.37		1.71	0.124		0		---	31
TOTAL	---	---	0	0.057	23.279	16.117	11.247	21.776	3.542	2.225	---	---	TOTAL
MEAN	---	---	0	0.002	0.751	0.537	0.363	0.702	0.118	0.072	---	---	MEAN
MAX	---	---	0	0.057	2.25	1.42	1.71	1.99	0.232	0.572	---	---	MAX
MIN	---	---	0	0	0.092	0.135	0.071	0.028	0.027	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.319
MAXIMUM DAILY, 2.25 ON MAY 23
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 16 03 N
LONG 107 46 43 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	972
FEB	---	AUG	1 880
MAR	0	SEP	306
APR	4.92	OCT	192
MAY	2 010	NOV	---
JUN	1 390	DEC	---

TOTAL DISCHARGE, 6 750 dam³

SWIFT CURRENT CREEK BELOW REID LAKE - STATION NO. 05ND041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.416E	0.432	0.413	0.431	0.228	2.12	0.928	3.78	1.45	1.08	0.216	0.606	1
2	0.417E	0.429	0.410	0.405	0.246	2.02	0.933	3.78	1.46	1.10	0.225	0.629	2
3	0.414E	0.433	0.410	0.429	0.251	1.99	0.924	3.78	1.52	1.09	0.218	0.632	3
4	0.413E	0.433	0.414	0.430	0.257	2.04	0.941	3.78	1.49	1.09	0.199	0.639	4
5	0.418E	0.430	0.412	0.421	0.349	2.06	0.951	3.78	1.43	1.11	0.499	0.655	5
6	0.412E	0.438E	0.420	0.422	0.582	2.07	0.995	3.78	1.41	1.07	0.702	0.653	6
7	0.408E	0.441E	0.417	0.431	0.583	2.07	1.12	3.78	1.36	1.05	0.697	0.675	7
8	0.407E	0.446E	0.412	0.300	0.585	1.19	1.16	3.78	1.35	1.08	0.691	0.662	8
9	0.401E	0.445E	0.409	0.100	0.584	0.670	1.23	2.19	1.32	1.09	0.685	0.707	9
10	0.395E	0.443	0.413	0.095	0.600	0.674	1.31	1.21	1.38	1.04	0.670	0.731	10
11	0.397E	0.440	0.409	0.097	0.580	0.690	1.46	1.27	1.28	1.05	0.674	0.727	11
12	0.395A	0.435	0.421	0.099	0.581	0.695	1.56	1.28	1.32	1.05	0.649	0.739	12
13	0.400	0.428	0.411	0.105	0.595	0.717	1.61	1.33	1.34	1.05	0.695	0.767	13
14	0.401	0.438	0.412	0.110	0.582	0.724	1.52	1.33	1.33	1.05	0.635	0.769	14
15	0.432	0.434	0.428	0.112	0.596	0.756	1.52	1.36	1.21	1.01	0.634	0.788	15
16	0.418	0.426	0.429	0.113	0.603	0.769	1.46	1.44	1.28	0.989	0.625	0.791	16
17	0.418	0.424	0.418	0.112	0.588	0.787	1.42	1.53	1.29	0.710	0.617	0.795	17
18	0.424	0.423	0.415	0.110	0.582	0.857	1.40	1.49	1.35	0.253	0.610	0.807	18
19	0.415	0.418	0.409	0.108	0.578	1.00	1.40	1.46	1.36	0.249	0.613	0.819	19
20	0.417	0.422	0.411	0.106	0.573	1.01	1.46	1.59	1.34	0.247	0.644	0.825	20
21	0.424	0.430	0.416	0.130	1.87	1.00	1.37	1.56	1.29	0.246	0.669	0.805	21
22	0.426	0.426	0.425	0.189	2.60	1.00	1.43	1.55	1.25	0.245	0.678	0.811	22
23	0.430	0.424	0.436	0.177	2.59	1.01	1.53	1.57	1.15	0.241	0.669	0.816	23
24	0.437	0.423	0.435	0.195	2.60	1.01	1.56	1.57	1.08	0.237	0.639	0.825	24
25	0.428	0.421	0.424	0.185	2.62	1.00	1.54	1.61	1.06	0.238	0.619	0.816	25
26	0.438	0.412	0.430	0.224	2.63	0.964	2.49	1.62	1.12	0.233	0.620	0.836	26
27	0.437	0.408	0.427	0.220	2.63	0.910	3.01	1.56	1.21	0.228	0.608	0.848	27
28	0.415	0.418	0.436	0.228	2.50	0.906	3.04	1.59	1.27	0.226	0.601	0.828	28
29	0.409		0.450	0.240	2.38	0.897	3.10	1.55	1.15	0.236	0.599	0.829	29
30	0.418		0.447	0.243	2.32	0.919	3.70	1.46	1.14	0.224	0.609	0.828	30
31	0.419		0.439		2.34		3.70	1.45		0.220		0.834	31
TOTAL	12.889	13.012	13.048	6.575	37.203	34.525	51.764	64.17	38.91	21.022	17.459	23.492	TOTAL
MEAN	0.416	0.429	0.421	0.219	1.20	1.15	1.67	2.07	1.30	0.678	0.582	0.758	MEAN
MAX	0.437	0.446	0.450	0.431	2.63	2.12	3.70	3.70	1.52	1.11	0.702	0.848	MAX
MIN	0.395	0.408	0.409	0.095	0.228	0.670	0.920	1.21	1.06	0.220	0.199	0.606	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.913
MAXIMUM DAILY, 3.70 ON JUL 30
MINIMUM DAILY, 0.095 ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 51 N
LONG 108 02 40 W
DRAINAGE AREA, 2 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 110	JUL	6 470
FEB	1 040	AUG	5 560
MAR	1 130	SEP	3 360
APR	568	OCT	1 820
MAY	3 210	NOV	1 510
JUN	2 980	DEC	2 830

TOTAL DISCHARGE, 28 000 dam³

SWIFT CURRENT CREEK BELOW ROCK CREEK - STATION NO. 05HD036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.040B	0.009B	0.687B	8.44 B	2.19	6.33	0.342	0.231	0.040	0.338	0.386	0.157B	1
2	0.038B	0.007B	0.448B	5.77 B	1.93	17.9	0.616	0.187	0.047	0.478	0.377	0.155B	2
3	0.036B	0.006B	0.364B	3.09 B	1.77	13.9	2.27	0.159	0.041	0.529	0.299	0.154B	3
4	0.034B	0.005B	0.262B	2.16 B	1.66	9.85	3.41	0.136	0.005	0.563	0.356	0.153B	4
5	0.032B	0.005B	0.224B	1.55 B	1.71	7.59	3.50	0.134	0	0.515	0.316	0.151B	5
6	0.031B	0.004B	0.173B	1.00 B	2.00	6.21	4.45	0.130	0	0.477	0.350	0.151B	6
7	0.031B	0.004B	0.101B	0.780B	1.99	5.18	2.79	0.148	0	0.455	0.353	0.151B	7
8	0.030B	0.004B	0.135B	0.540B	1.86	3.99	1.88	0.147	0	0.431	0.345	0.152B	8
9	0.030B	0.004B	0.191B	0.386B	1.74	3.27	1.31	0.165	0	0.403	0.338	0.154B	9
10	0.030B	0.004B	0.586B	0.990B	1.83	2.72	0.942	0.187	0	0.380	0.356	0.156B	10
11	0.029B	0.004B	1.48 B	7.03 B	1.87	2.21	0.718	0.201	0	0.356	0.356	0.159B	11
12	0.029B	0.004B	3.69 B	18.5 B	1.75	1.89	0.553	0.224	0	0.333	0.382	0.163B	12
13	0.028B	0.004B	4.74 B	34.2 B	1.67	1.63	0.455	0.254	0	0.319	0.260B	0.169B	13
14	0.028B	0.004B	7.78 B	36.2 B	1.55	1.37	0.382	0.218	0.004	0.308	0.247B	0.174B	14
15	0.028B	0.008B	8.23 B	35.0	1.36	1.21	0.440	0.210	0.007	0.304	0.228B	0.184B	15
16	0.028B	0.108B	6.83 B	19.7	1.21	1.15	0.517	0.213	0.024	0.292	0.210B	0.190B	16
17	0.027B	0.136B	5.60 B	12.2	1.13	1.10	0.708	0.216	0.054	0.287	0.187B	0.194B	17
18	0.026B	0.199B	3.10 B	9.69	1.05	1.09	1.02	0.232	0.071	0.300	0.172B	0.197B	18
19	0.026B	0.557B	2.31 B	7.78	1.25	1.12	0.945	0.231	0.077	0.348	0.171B	0.200B	19
20	0.025B	2.84 B	2.05 B	6.63	1.56	1.13	0.762	0.232	0.079	0.372	0.178B	0.201B	20
21	0.024B	7.76 B	2.05 B	6.47	1.51	0.998	0.646	0.235	0.080	0.392	0.170B	0.204B	21
22	0.023B	3.50 B	1.61 B	5.98	1.49	0.942	0.578	0.225	0.085	0.406	0.170B	0.206B	22
23	0.022B	2.50 B	1.49 B	5.67	1.56	0.797	0.630	0.207	0.090	0.434	0.169B	0.208B	23
24	0.021B	1.70 B	1.19 B	5.44	1.67	0.714	0.561	0.195	0.097	0.500	0.168B	0.209B	24
25	0.020B	1.20 B	1.09 B	5.74	1.37	0.612	0.426	0.196	0.095	0.545	0.166B	0.210B	25
26	0.018B	1.07 B	1.01 B	6.08	1.19	0.532	0.339	0.185	0.077	0.524	0.164B	0.211B	26
27	0.016B	0.950B	0.833B	6.78	1.22	0.832	0.326	0.162	0.080	0.472	0.162B	0.212B	27
28	0.015B	0.840B	1.21 B	3.64	1.76	0.378	0.296	0.137	0.121	0.439	0.160B	0.214B	28
29	0.013B		3.04 B	2.95	2.02	0.345	0.286	0.100	0.167	0.436	0.159B	0.216B	29
30	0.012B		9.14 B	2.56	2.16	0.337	0.260	0.066	0.234	0.417	0.158B	0.217B	30
31	0.011B		11.8 B		3.01		0.275	0.057		0.402		0.219B	31
TOTAL	0.801	23.428	83.444	260.946	52.04	96.927	32.633	5.612	1.575	12.739	7.425	5.691	TOTAL
MEAN	0.026	0.837	2.69	8.70	1.68	3.23	1.05	0.181	0.053	0.411	0.248	0.184	MEAN
MAX	0.040	7.76	11.8	36.2	3.01	17.9	4.45	0.254	0.234	0.563	0.386	0.219	MAX
MIN	0.011	0.004	0.101	0.386	1.05	0.337	0.260	0.057	0	0.287	0.158	0.151	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.60
MAXIMUM DAILY, 36.2B ON APR 14
MINIMUM DAILY, 0 ON SEP 5
MAXIMUM INSTANTANEOUS,
45.3B AT 20:33 CST ON APR 13

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 39 N
LONG 108 28 46 W
DRAINAGE AREA, 1 430 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	69.2	JUL	2 820
FEB	2 020	AUG	485
MAR	7 210	SEP	136
APR	22 500	OCT	1 100
MAY	4 500	NOV	642
JUN	8 370	DEC	492

TOTAL DISCHARGE, 50 300 dam³

SWIFT CURRENT CREEK NEAR LEINAN - STATION NO. 05HD039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.171B	0.806B	0.857B	15.3 B	1.09	4.19	0.926	0.874	1.37	1.41	0.792	0.663B	1
2	0.164B	0.543B	0.916B	9.26B	0.852	4.18	4.18	0.832	1.30	1.48	0.756B	0.891B	2
3	0.157B	0.222B	0.703B	6.34B	0.751	4.10	9.00	0.835	1.29	1.36	0.766B	1.16 B	3
4	0.150B	0.084B	0.453B	4.23B	0.651	3.13	18.1	1.20	1.27	1.29	0.623B	0.922B	4
5	0.143B	0.032B	0.356B	2.95B	0.681	2.85	5.50	1.34	1.23	1.31	0.650B	0.594B	5
6	0.136B	0.029B	0.248B	2.56B	0.778	2.43	3.20	1.37	1.23	1.48	0.626B	0.499B	6
7	0.128B	0.023B	0.201B	1.74B	0.781	2.11	2.56	1.18	1.38	2.41	0.551B	0.616B	7
8	0.121B	0.020B	0.149B	1.65B	0.732	1.89	2.05	1.30	1.40	2.08	0.487B	0.977B	8
9	0.114B	0.018B	0.165B	1.19B	0.770	1.65	1.99	1.48	1.39	1.24	0.283B	1.38 B	9
10	0.107B	0.011B	0.219B	1.04B	0.973	1.43	2.30	1.41	1.34	1.01	0.246B	0.569B	10
11	0.100B	0.009B	0.484B	3.59B	1.06	1.39	2.01	1.51	1.33	0.825	0.200B	0.142B	11
12	0.093B	0.008B	0.579B	8.03B	1.08	0.883	1.60	1.70	1.27	0.660	0.221B	0.553B	12
13	0.086B	0.008B	0.815B	22.6 B	1.06	0.892	1.43	1.53	1.29	0.972	0.341B	1.07 B	13
14	0.031B	0.008B	2.61 B	25.1 B	1.01	0.735	1.33	0.898	1.31	1.05	0.555B	1.07 B	14
15	0.005B	0.007B	13.3 B	12.5 B	0.983	0.663	1.27	0.651	1.39	1.02	0.629B	0.641B	15
16	0.002B	0.007B	22.1 B	9.14B	0.921	0.577	1.24	0.637	1.43	1.01	0.588B	0.261B	16
17	0.000B	0.007B	30.2 B	6.62B	0.858	0.586	1.27	0.944	1.48	1.06	0.630B	0.181B	17
18	0.000B	0.020B	15.2 B	5.51B	0.829	0.513	1.55	1.27	1.45	1.08	0.590B	0.245B	18
19	0.052B	0.044B	7.08 B	4.10B	0.786	0.463	2.09	1.30	1.43	1.11	0.587B	0.388B	19
20	0.188B	0.205B	5.75 B	3.50	0.832	0.486	2.02	4.30	1.47	1.33	0.575B	0.553B	20
21	0.295B	0.412B	4.59 B	3.36	0.627	0.451	1.99	2.80	1.46	2.18	0.715B	0.900B	21
22	0.453B	0.430B	3.47 B	2.91	0.522	0.416	1.81	1.83	1.47	1.85	0.779B	1.35 B	22
23	0.429B	0.309B	2.45 B	2.75	0.472	0.365	1.61	1.58	1.44	1.08	0.950B	1.15 B	23
24	0.529B	0.286B	2.57 B	2.49	0.595	0.583	1.53	1.44	1.48	0.836	0.752B	1.35 B	24
25	0.449B	0.541B	2.43 B	2.40	0.662	0.675	1.47	1.32	1.48	0.803	0.961B	2.04 B	25
26	0.228B	0.749B	2.52 B	2.09	0.591	0.630	1.36	1.28	1.42	0.721	1.24 B	1.66 B	26
27	0.081B	1.46 B	3.21 B	1.84	0.577	0.646	1.37	1.27	1.17	0.694	1.07 B	2.12 B	27
28	0.107B	1.01 B	4.69 B	1.65	0.774	0.613	1.30	1.34	1.07	1.07	0.767B	0.990B	28
29	0.220B		5.17 B	1.62	1.12	0.566	1.21	1.41	1.13	0.791	0.693B	0.625B	29
30	0.428B		11.7 B	1.55	2.57	0.693	0.901	1.45	1.22	0.757	0.656B	0.265B	30
31	0.792B		17.8 B		4.44		0.910	1.37		0.772		0.293B	31
TOTAL	5.975	7.308	162.985	170.41	30.428	40.786	80.997	43.571	40.39	36.741	19.199	26.118	TOTAL
MEAN	0.193	0.261	5.26	5.68	0.982	1.36	2.61	1.41	1.35	1.19	0.640	0.843	MEAN
MAX	0.792	1.46	30.2	25.1	4.44	4.19	18.1	4.30	1.48	2.41	1.24	2.12	MAX
MIN	0.002	0.007	0.149	1.19	0.472	0.365	0.901	0.637	1.07	0.660	0.200	0.142	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.82
MAXIMUM DAILY, 30.2B ON MAR 17
MINIMUM DAILY, 0.002B ON JAN 16
MAXIMUM INSTANTANEOUS,
42.7B AT 20:57 CST ON APR 13

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 38 N
LONG 107 39 31 W
DRAINAGE AREA, 3 720 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	516	JUL	7 000
FEB	631	AUG	3 760
MAR	14 100	SEP	3 490
APR	14 700	OCT	3 170
MAY	2 630	NOV	1 660
JUN	3 520	DEC	2 260

TOTAL DISCHARGE, 57 400 dam³

TATAGMA LAKE DRAIN NEAR WEYBURN - STATION NO. 05HB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	2.04	0.311	0.051	0.016	0.007	0	0.092A	---	1
2	---	---	0B	0 B	1.93	0.282	0.052	0.019	0.005	0.001	---	---	2
3	---	---	0B	0 B	1.85	0.276	0.051	0.017	0.003	0.001	---	---	3
4	---	---	0B	0 B	1.99	0.231	0.040	0.015	0.001	0.001	---	---	4
5	---	---	0B	0 B	1.84	0.236	0.029	0.013	0	0.001	---	---	5
6	---	---	0B	0 B	1.78	0.182	0.024A	0.013	0	0.002	---	---	6
7	---	---	0B	0 B	1.47	0.175	0.020E	0.015	0	0.002	---	---	7
8	---	---	0B	0 B	1.19	0.166	0.017E	0.010	0	0.002	---	---	8
9	---	---	0B	0 B	0.956	0.158	0.015E	0.009	0	0.003	---	---	9
10	---	---	0B	0 B	0.974	0.149	0.014E	0.008	0	0.003	---	---	10
11	---	---	0B	0 B	0.959	0.131	0.013E	0.005	0	0.003	---	---	11
12	---	---	0B	0 B	0.827	0.118	0.012E	0.003	0	0.003	---	---	12
13	---	---	0B	0 B	0.770	0.106	0.011E	0.002	0	0.003	---	---	13
14	---	---	0B	0 B	0.698	0.097	0.011E	0.001	0	0.004	---	---	14
15	---	---	0B	0 B	0.605	0.098	0.010E	0.001	0	0.003	---	---	15
16	---	---	0B	0 B	0.698	0.100	0.020E	0.002	0	0.005	---	---	16
17	---	---	0B	0 B	0.702	0.098	0.075E	0.002	0	0.007	---	---	17
18	---	---	0B	0 B	0.658	0.096	0.067E	0.007	0	0.008	---	---	18
19	---	---	0B	0 B	0.578	0.085	0.060E	0.007	0	0.009	---	---	19
20	---	---	0B	0 B	0.545	0.084	0.054E	0.006	0	0.008	---	---	20
21	---	---	0B	0.020B	0.534	0.083	0.049E	0.008	0	0.008	---	---	21
22	---	---	0B	0.050B	0.507	0.077	0.044E	0.013	0	0.009	---	---	22
23	---	---	0B	0.602	0.483	0.069	0.039E	0.015	0	0.009	---	---	23
24	---	---	0B	1.98	0.456	0.065	0.035E	0.015	0	0.008	---	---	24
25	---	---	0B	2.08	0.441	0.063	0.030E	0.015	0	0.008	---	---	25
26	---	---	0B	2.35	0.389	0.055	0.026E	0.015	0	0.008	---	---	26
27	---	---	0B	2.42	0.350	0.047	0.022E	0.013	0	0.008	---	---	27
28	---	---	0B	2.31	0.328	0.058	0.018A	0.012	0.005	0.007	---	---	28
29	---		0B	2.29	0.394	0.057	0.017	0.008	0.002	0.006	---	---	29
30	---		0B	2.17	0.346	0.053	0.017	0.009	0	0.006	---	---	30
31	---		0B		0.356		0.016	0.008		0.002		---	31
TOTAL	---	---	0	16.192	27.639	3.806	0.959	0.302	0.022	0.146	---	---	TOTAL
MEAN	---	---	0	0.540	0.892	0.127	0.031	0.010	0.001	0.005	---	---	MEAN
MAX	---	---	0	2.42	2.04	0.311	0.075	0.019	0.007	0.009	---	---	MAX
MIN	---	---	0	0	0.328	0.047	0.010	0.001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.200
MAXIMUM DAILY, 2.42 ON APR 27
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.61 AT 14:23 CST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 58 N
LONG 103 56 50 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	82.9
FEB	---	AUG	26.1
MAR	0	SEP	1.90
APR	1 480	OCT	12.6
MAY	2 390	NOV	---
JUN	329	DEC	---

TOTAL DISCHARGE, 4 240 dam³

TAZIN LAKE NEAR OUTLET - STATION NO. 07QC002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.534	2.449	2.372	2.292	2.241	2.798	3.159	3.351	3.364E	3.428E	3.519	3.545	1
2	2.536	2.444	2.371	2.289	2.242	2.820	3.167	3.353	3.368E	3.432E	3.518	3.545	2
3	2.534	2.443	2.367	2.289	2.244	2.837	3.186	3.356	3.372E	3.434E	3.519	3.550	3
4	2.532	2.439	2.367	2.285	2.267	2.857	3.200	3.353	3.378E	3.440E	3.529	3.554	4
5	2.530	2.441	2.372	2.282	2.277	2.870	3.211	3.351	3.380E	3.445A	3.531	3.554	5
6	2.526	2.437	2.360	2.280	2.285	2.885	3.217	3.350	3.383E	3.458	3.529	3.555	6
7	2.517	2.438	2.356	2.278	2.296	2.907	3.222	3.350	3.388E	3.454	3.529	3.554	7
8	2.516	2.433	2.354	2.274	2.307	2.923	3.235	3.351	3.390E	3.457	3.523	3.554	8
9	2.516	2.434	2.350	2.273	2.324	2.941	3.245	3.354	3.394E	3.464	3.529	3.555	9
10	2.515	2.430	2.353	2.272	2.334	2.954	3.276	3.364	3.397E	3.471	3.517	3.560	10
11	2.508	2.423	2.354	2.265	2.348	2.972	3.278	3.369	3.399E	3.474	3.506	3.559	11
12	2.503	2.418	2.344	2.265	2.366	2.986	3.278	3.369	3.400E	3.480	3.507	3.561	12
13	2.496	2.421	2.342	2.263	2.382	2.998	3.280	3.361	3.402E	3.482	3.510	3.564	13
14	2.489	2.417	2.338	2.254	2.399	3.011	3.289	3.359	3.403E	3.486	3.515	3.571	14
15	2.486	2.418	2.340	2.258	2.419	3.024	3.296	3.357	3.404E	3.484	3.514	3.570	15
16	2.486	2.420	2.335	2.259	2.444	3.038	3.303	3.359	3.407E	3.475	3.510	3.571	16
17	2.484	2.422	2.332	2.260	2.466	3.050	3.307	3.365	3.410E	3.487	3.515	3.572	17
18	2.481	2.416	2.341	2.253	2.488	3.068	3.312	3.363	3.411E	3.491	3.514	3.570	18
19	2.483	2.409	2.337	2.251	2.511	3.078	3.316	3.359	3.412E	3.495	3.517	3.572	19
20	2.482	2.405	2.329	2.248	2.532	3.086	3.301	3.352	3.414E	3.498	3.522	3.570	20
21	2.476	2.396	2.328	2.245	2.558	3.097	3.303	3.350	3.417E	3.503	3.521	3.568	21
22	2.476	2.394	2.321	2.239	2.578	3.103	3.314	3.352	3.418E	3.505	3.515	3.568	22
23	2.474	2.390	2.318	2.238	2.604	3.108	3.324	3.339	3.419E	3.518	3.517	3.570	23
24	2.470	2.388	2.314	2.235	2.628	3.113	3.329	3.333A	3.420E	3.517	3.516	3.568	24
25	2.467	2.378	2.312	2.231	2.650	3.121	3.336	3.338E	3.420E	3.526	3.521	3.570	25
26	2.462	2.381	2.320	2.233	2.666	3.125	3.336	3.346E	3.420E	3.531	3.524	3.569	26
27	2.453	2.376	2.315	2.229	2.687	3.131	3.337	3.342E	3.420E	3.534	3.531	3.568	27
28	2.451	2.376	2.310	2.230	2.712	3.140	3.339	3.348E	3.421E	3.520	3.540	3.567	28
29	2.445		2.306	2.232	2.735	3.147	3.346	3.352E	3.423E	3.522	3.544	3.567	29
30	2.448		2.298	2.237	2.756	3.154	3.355	3.356E	3.425E	3.522	3.544	3.568	30
31	2.458		2.292		2.776		3.354	3.360E		3.523		3.567	31
MEAN	2.491	2.416	2.337	2.258	2.468	3.011	3.282	3.353	3.403	3.486	3.522	3.563	MEAN
MAX	2.536	2.449	2.372	2.292	2.776	3.154	3.355	3.369	3.425	3.534	3.544	3.572	MAX
MIN	2.445	2.376	2.292	2.229	2.241	2.798	3.159	3.333	3.364	3.428	3.506	3.545	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 2.969
MAXIMUM DAILY, 3.572 ON DEC 17
MINIMUM DAILY, 2.229 ON APR 27
MAXIMUM INSTANTANEOUS,
3.573 AT 09:42 CST ON DEC 19

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 10 N
LONG 103 24 30 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

THEODORE RESERVOIR NEAR THEODORE - STATION NO. 05KH009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	497.767	497.774	497.846	497.791	497.733	497.744	497.692	497.683	497.686A	---	1
2	---	---	497.768	497.772	497.843	497.792	497.743	497.746	497.690	497.683	---	---	2
3	---	---	497.766	497.772	497.840	497.791	497.744	497.749	497.690	497.686	---	---	3
4	---	---	497.767	497.772	497.835	497.788	497.742	497.746	497.687	497.687	---	---	4
5	---	---	497.768	497.771	497.821	497.779A	497.738	497.745	497.683	497.688	---	---	5
6	---	---	497.770	497.816	497.776E	497.734	497.741	497.686	497.687	---	---	---	6
7	---	---	497.765	497.769	497.813	497.775E	497.728	497.742	497.693	497.688	---	---	7
8	---	---	497.766	497.769	497.804	497.774E	497.722	497.738	497.696	497.689	---	---	8
9	---	---	497.767	497.772	497.803	497.769A	497.721	497.723	497.699	497.695	---	---	9
10	---	---	497.769	497.772	497.802	497.761	497.722	497.716	497.698	497.693	---	---	10
11	---	---	497.768	497.782	497.799	497.759	497.722	497.709	497.686	497.686	---	---	11
12	---	---	497.771	497.807	497.794	497.759	497.717	497.717	497.680	497.690	---	---	12
13	---	---	497.771	497.837	497.796	497.758	497.712	497.729	497.676	497.693	---	---	13
14	---	---	497.770	497.914	497.800	497.755	497.708	497.729	497.671	497.694	---	---	14
15	---	---	497.770	497.970	497.793	497.752	497.708	497.726	497.670	497.691	---	---	15
16	---	---	497.771	497.978	497.789	497.751	497.712	497.721	497.671	497.683	---	---	16
17	---	---	497.775	497.959	497.788	497.748	497.708	497.720	497.669	497.690	---	---	17
18	---	---	497.773	497.938	497.786	497.747	497.804	497.723	497.668	497.686	---	---	18
19	---	---	497.773	497.930	497.784	497.754	497.799	497.721	497.665	497.685	---	---	19
20	---	---	497.772	497.914	497.781	497.749	497.792	497.715	497.663	497.683	---	---	20
21	---	---	497.771	497.901	497.781	497.747	497.780	497.715	497.662	497.684	---	---	21
22	---	---	497.770	497.925	497.781	497.747	497.773	497.716	497.664	497.685	---	---	22
23	---	497.770A	497.771	497.933	497.783	497.754	497.776	497.715	497.663	497.689	---	---	23
24	---	497.769	497.769	497.914	497.787	497.750	497.774	497.712	497.660	497.691	---	---	24
25	---	497.769	497.768	497.895	497.783	497.746	497.769	497.706	497.657	497.690	---	---	25
26	---	497.766	497.767	497.884	497.785	497.756	497.765	497.704	497.657	497.691	---	---	26
27	---	497.767	497.765	497.876	497.784	497.755	497.763	497.695	497.649	497.698	---	---	27
28	---	497.771	497.770	497.867	497.779	497.753	497.761	497.691	497.662	497.696	---	---	28
29	---		497.771	497.857	497.780	497.751	497.755	497.690	497.679	497.690	---	---	29
30	---		497.773	497.851	497.785	497.761	497.753	497.684	497.684	497.688	---	---	30
31	---		497.774		497.791		497.753	497.689		497.687		---	31
MEAN	---	---	497.769	497.855	497.798	497.761	497.769	497.720	497.675	497.689	---	---	MEAN
MAX	---	---	497.775	497.978	497.846	497.792	497.804	497.749	497.699	497.696	---	---	MAX
MIN	---	---	497.765	497.769	497.779	497.741	497.708	497.684	497.649	497.683	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 497.978 ON APR 16

MAXIMUM INSTANTANEOUS,
497.981 AT 04:00 CST ON APR 16

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 32 N
LONG 102 50 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

THUNDER CREEK NEAR DANNODY - STATION NO. 05JG012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.300B	0.005	0.353	0	0	0	0	---	---	1
2	---	---	0 B	0.150B	0.003	0.144	0	0	0	0	---	---	2
3	---	---	0 B	0.080B	0.002	0.076	0	0	0	0	---	---	3
4	---	---	0 B	0.060B	0.002	0.046	0	0	0	0	---	---	4
5	---	---	0 B	0.030B	0.001	0.032	0	0	0	0	---	---	5
6	---	---	0 B	0.012B	0.001	0.022	0	0	0	0	---	---	6
7	---	---	0 B	0.006B	0	0.013	0	0	0	0	---	---	7
8	---	---	0 B	0.006B	0	0.006	0	0	0	0	---	---	8
9	---	---	0 B	0.004B	0	0.002	0	0	0	0	---	---	9
10	---	---	0 B	0.014B	0	0.002	0	0	0	0	---	---	10
11	---	---	0 B	0.560B	0	0.001	0	0	0	0	---	---	11
12	---	---	0 B	2.24 B	0	0.001	0	0	0	0	---	---	12
13	---	---	0 B	8.41 B	0	0	0	0	0	0	---	---	13
14	---	---	0 B	19.7 B	0	0	0	0	0	0	---	---	14
15	---	---	0 B	13.8	0	0	0	0	0	0	---	---	15
16	---	---	0 B	6.04	0	0	0	0	0	0	---	---	16
17	---	---	0 B	3.34	0	0	0	0	0	0	---	---	17
18	---	---	0 B	1.44	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.949	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.817	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.463	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0.253	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0.169	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0.125	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0.096	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0.068	0	0	0	0	0	0	---	---	26
27	---	---	0 B	0.048	0	0	0	0	0	0	---	---	27
28	---	---	0 B	0.034	0.001	0	0	0	0	0	---	---	28
29	---		0 B	0.023	0.196	0	0	0	0	0	---	---	29
30	---		0.002B	0.012	1.52	0	0	0	0	0	---	---	30
31	---		0.130B		0.945		0	0		0		---	31
TOTAL	---	---	0.132	59.249	2.676	0.698	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.004	1.97	0.086	0.023	0	0	0	0	---	---	MEAN
MAX	---	---	0.130	19.7	1.52	0.353	0	0	0	0	---	---	MAX
MIN	---	---	0	0.004	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.256
MAXIMUM DAILY, 19.7B ON APR 14
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
21.3 AT 15:33 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 33 N
LONG 106 16 45 W

DRAINAGE AREA, 986 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	11.6	SEP	0
APR	5 120	OCT	0
MAY	231	NOV	---
JUN	60.3	DEC	---

TOTAL DISCHARGE, 5 420 dam³

THYNE HILL RIVER BELOW MACKENZIE LAKE - STATION NO. 06DB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.95	1.99	1.71	1.47	3.25	17.3E	11.7 E	7.70E	7.39	7.69	5.49	4.12	1
2	2.90	1.99	1.70	1.45	4.05	17.1E	11.6 E	7.60E	7.52	7.91	5.48	4.11	2
3	2.86	1.99	1.69	1.44	4.89	16.9E	11.4 E	7.50E	7.80	7.78	5.36	4.05	3
4	2.85	1.98	1.66	1.43	5.83	16.7E	11.3 E	7.40E	8.09	7.61	5.19	3.96	4
5	2.81	1.95	1.65	1.42	7.11	16.5E	11.1 E	7.35E	7.98	7.36	5.19	3.93	5
6	2.77	1.92	1.65	1.42	8.44	16.3E	10.9 E	7.30E	8.08	7.27	5.19	3.91	6
7	2.72	1.90	1.64	1.41	9.67	16.1E	10.8 E	7.25E	8.12	7.29	5.13	3.87	7
8	2.68	1.89	1.60	1.42	10.8	15.9E	10.6 E	7.25E	8.36	7.27	5.08	3.82	8
9	2.67	1.87	1.60	1.44	11.9	15.7E	10.5 E	7.20E	8.52	7.25	5.03	3.77	9
10	2.62	1.85	1.59	1.44	13.0	15.5E	10.3 E	7.20E	8.70	7.12	4.99	3.73	10
11	2.56	1.83	1.60	1.44	13.8	15.3E	10.2 E	7.25E	8.71	6.88	4.86	3.66	11
12	2.52	1.81	1.60	1.44	14.6	15.1E	10.1 E	7.30E	9.03	6.92	4.68	3.66	12
13	2.47	1.80	1.61	1.43	15.4	14.9E	9.95E	7.35E	9.00	6.86	4.66	3.65	13
14	2.43	1.79	1.60	1.42	16.0	14.7E	9.80E	7.40E	8.77	6.85	4.66	3.65	14
15	2.39	1.78	1.59	1.41	16.4	14.5E	9.65E	7.50E	8.91	6.78	4.65	3.60	15
16	2.35	1.77	1.59	1.42	16.9	14.3E	9.50E	7.65E	9.10	6.60	4.59	3.52	16
17	2.32	1.76	1.58	1.42	17.5	14.1E	9.40E	7.88A	8.86	6.50	4.48	3.55	17
18	2.29	1.75	1.57	1.42	17.9	13.9E	9.30E	8.15	9.23	6.36	4.46	3.56	18
19	2.25	1.76	1.56	1.42	18.1	13.7E	9.15E	8.16	8.90	6.28	4.46	3.54	19
20	2.22	1.77	1.55	1.42	18.2	13.6E	9.00E	8.09	8.79	6.14	4.48	3.53	20
21	2.19	1.80	1.55	1.43	18.3	13.4E	8.90E	8.06	8.78	6.15	4.48	3.51	21
22	2.17	1.80	1.55	1.48	18.4	13.2E	8.75E	7.99	8.90	6.06	4.48	3.48	22
23	2.14	1.77	1.54	1.48	18.4	13.0E	8.65E	7.87	8.68	5.96	4.41	3.44	23
24	2.11	1.77	1.52	1.50	18.4	12.9E	8.50E	7.67	8.44	5.95	4.37	3.34	24
25	2.08	1.76	1.52	1.54	18.3 E	12.7E	8.40E	7.55	8.59	5.94	4.33	3.33	25
26	2.06	1.74	1.51	1.56	18.1 E	12.5E	8.30E	7.60	8.61	5.92	4.26	3.32	26
27	2.09	1.71	1.49	1.62	18.0 E	12.3E	8.20E	7.40	8.33	5.89	4.21	3.30	27
28	2.07	1.71	1.48	1.78	17.9 E	12.2E	8.05E	7.30	8.23	5.88	4.20	3.26	28
29	2.04		1.47	2.07	17.8 E	12.0E	7.95E	7.46	8.33	5.78	4.18	3.23	29
30	2.00		1.47	2.61	17.7 E	11.8E	7.85E	7.43	7.91	5.65	4.13	3.22	30
31	1.97		1.48		17.5 E		7.75E	7.36		5.57		3.20	31
TOTAL	74.55	51.21	48.92	45.65	442.54	438.1	297.55	234.17	254.58	205.47	141.16	111.82	TOTAL
MEAN	2.40	1.83	1.58	1.52	14.3	14.5	9.60	7.55	8.49	6.63	4.71	3.61	MEAN
MAX	2.95	1.99	1.71	2.61	18.4	17.3	11.7	8.16	9.23	7.91	5.49	4.12	MAX
MIN	1.97	1.71	1.47	1.41	3.25	11.6	7.75	7.20	7.39	5.57	4.13	3.20	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.42
MAXIMUM DAILY, 18.4 ON MAY 22
MINIMUM DAILY, 1.41 ON APR 7
MAXIMUM INSTANTANEOUS, 18.8A IN MAY

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 46 10 N
LONG 102 43 50 W
DRAINAGE AREA, 1 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 440	JUL	25 700
FEB	4 420	AUG	20 200
MAR	4 230	SEP	22 000
APR	3 940	OCT	17 800
MAY	38 200	NOV	12 200
JUN	37 500	DEC	9 660

TOTAL DISCHARGE, 202 000 dam³

TOBIN LAKE AT SQUAW RAPIDS SPILLWAY - STATION NO. 05KD004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	313.110	313.350	313.160	312.050	312.690	313.430	312.410	313.330	313.450	313.390	313.340	312.870	1
2	313.150	313.310	313.090	312.020	312.870	313.390	312.430	313.400	313.410	313.300	313.300	312.890	2
3	313.200	313.300	313.030	312.010	312.940	313.340	312.480	313.420	313.380	313.290	313.280	313.020	3
4	313.170	313.300	312.960	312.010	313.040	313.270	312.550	313.470	313.320	313.340	313.240	313.110	4
5	313.160	313.280	312.890	312.000	313.090	313.210	312.560	313.370	313.340	313.350	313.210	313.170	5
6	313.140	313.300	312.880	311.960	313.030	313.210	312.560	313.370	313.380	313.330	313.120	313.190	6
7	313.130	313.300	312.830	311.950	313.010	313.140	312.510	313.370	313.410	313.330	313.080	313.190	7
8	313.120	313.350	312.800	311.950	313.030	313.100	312.410	313.380	313.380	313.320	313.040	313.190	8
9	313.120	313.330	312.790	311.970	313.100	313.030	312.290	313.430	313.370	313.320	312.990	313.140	9
10	313.150	313.320	312.790	312.000	313.200	312.960	312.160	313.410	313.370	313.320	312.980	313.140	10
11	313.060	313.330	312.770	311.990	313.240	312.960	312.060	313.370	313.340	313.370	312.850	313.167E	11
12	313.080	313.300	312.810	311.970	313.300	312.840	312.050	313.290	313.330	313.410	312.840	313.193E	12
13	313.100	313.290	312.815E	311.960	313.300	312.770	312.330	313.250	313.350	313.450	312.780	313.220	13
14	313.150	313.270	312.820	311.940	313.300	312.750	312.470	313.230	313.340	313.460	312.760	313.210	14
15	313.190	313.290	312.860	311.960	313.280	312.650	312.850	313.200	313.380	313.470	312.720	313.210	15
16	313.170	313.280	312.830	311.980	313.280	312.550	313.050	313.340	313.340	313.470	312.700	313.170	16
17	313.190	313.300	312.800	311.940	313.300	312.500	313.160	313.340	313.330	313.460	312.700	313.200	17
18	313.210	313.390	312.740	311.870	313.340	312.520	313.200	313.330	313.330	313.460	312.670	313.200	18
19	313.170	313.320	312.670	311.810	313.300	312.550	313.360	313.320	313.300	313.460	312.640	313.370	19
20	313.150	313.350	312.640	311.800	313.280	312.530	313.380	313.320	313.380	313.430	312.640	313.400	20
21	313.150	313.360	312.640	311.810	313.300	312.480	313.380	313.320	313.400	313.400	312.640	313.370	21
22	313.150	313.330	312.660	311.790	313.280	312.400	313.400	313.340	313.390	313.340	312.720	313.390	22
23	313.180	313.260	312.610	311.770	313.340	312.400	313.450	313.390	313.380	313.360	312.730	313.390	23
24	313.190	313.210	312.530	311.820	313.390	312.420	313.420	313.380	313.410	313.410	312.740	313.380	24
25	313.190	313.260	312.540	311.920	313.370	312.390	313.420	313.390	313.360	313.450	312.740	313.370	25
26	313.200	313.180	312.600	312.040	313.350	312.390	313.400	313.400	313.370	313.470	312.760	313.410	26
27	313.230	313.140	312.290	312.170	313.340	312.410	313.350	313.400	313.380	313.500	312.740	313.400	27
28	313.250	313.150	312.210	312.220	313.310	312.410	313.340	313.410	313.320	313.470	312.730	313.400	28
29	313.300		312.160	312.280	313.280	312.410	313.350	313.450	313.260	313.440	312.750	313.400	29
30	313.290		312.130	312.485E	313.290	312.390	313.330	313.450	313.260	313.350	312.830	313.390	30
31	313.300		312.070		313.420		313.280	313.440		313.340		313.380	31
MEAN	313.173	313.289	312.684	311.982	313.216	312.758	312.884	313.365	313.359	313.395	312.875	313.243	MEAN
MAX	313.300	313.390	313.160	312.485	313.420	313.430	313.450	313.470	313.450	313.500	313.340	313.410	MAX
MIN	313.060	313.140	312.070	311.770	312.690	312.390	312.050	313.200	313.260	313.290	312.640	312.870	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 313.019
MAXIMUM DAILY, 313.500 ON OCT 27
MINIMUM DAILY, 311.770 ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 41 10 N
LONG 103 20 50 W
DATA CONTRIBUTED BY - SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TORCH RIVER NEAR LOVE - STATION NO. 05KH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.760B	0.270B	0.429B	0.868B	13.4	8.99	4.06	5.14	13.7	5.14	5.80B	1.95 B	1
2	0.750B	0.240B	0.448B	1.00 B	13.1	9.00	3.79	5.10	16.3	5.49	4.82B	1.88 B	2
3	0.730B	0.280B	0.511B	0.950B	11.8	8.30	3.75	6.12	15.9	6.50	3.36B	1.93 B	3
4	0.710B	0.384B	0.425B	0.626B	10.6	8.13	4.16	7.47	15.0	7.69	3.97B	1.92 B	4
5	0.690B	0.409B	0.501B	0.834B	9.08	8.48	4.82	8.48	13.8	9.33	3.58B	1.86 B	5
6	0.670B	0.408B	0.453B	0.718B	8.27	8.92	6.13	8.18	12.7	10.5	4.09B	1.82 B	6
7	0.640B	0.378B	0.424B	0.636B	7.69	9.55	9.36	7.33	11.6	10.6	4.11B	1.66 B	7
8	0.620B	0.410B	0.557B	0.805B	7.19	11.0	12.7	6.74	10.8	10.8	4.41B	1.43 B	8
9	0.605B	0.390B	0.421B	0.951B	6.74	12.5	11.7	6.92	10.1	10.7	4.26B	1.26 B	9
10	0.590B	0.371B	0.407B	1.03 B	6.60	13.0	11.1	6.52	9.29	9.87	4.15B	1.15 B	10
11	0.570B	0.336B	0.469B	1.01 B	6.23	12.9	10.9	6.05	8.66	9.34	3.95B	0.965B	11
12	0.550B	0.313B	0.370B	0.938B	5.79	12.4	10.4	5.85	7.90	8.75	4.20B	1.11 B	12
13	0.535B	0.398B	0.477B	0.923B	5.62	11.1	9.40	6.03	7.36	8.43	4.01B	1.27 B	13
14	0.528B	0.434B	0.563B	0.993B	5.89	10.3	8.52	8.54	7.06	8.13	3.95B	1.16 B	14
15	0.414B	0.375B	0.420B	1.19 B	6.49	9.92	9.99	11.9	6.69	7.78	3.95B	1.15 B	15
16	0.384B	0.316B	0.440B	1.02 B	6.22	9.76	12.0	13.5	6.37	7.51	3.53B	1.14 B	16
17	0.309B	0.355B	0.420B	3.31 B	6.27	9.48	13.0	15.2	6.19	7.54B	3.09B	1.27 B	17
18	0.284B	0.388B	0.400B	6.32 B	6.22	11.8	11.9	14.6	6.08	7.75B	3.13B	1.34 B	18
19	0.392B	0.400B	0.385B	11.6 B	5.68	10.1	11.1	13.5	5.92	8.15B	2.88B	1.29 B	19
20	0.413B	0.410B	0.375B	13.2 B	5.26	10.2	10.4	12.0	5.74	7.96B	2.89B	1.22 B	20
21	0.343B	0.420B	0.390B	15.3 B	5.01	10.2	10.1	10.7	5.51	6.76B	2.67B	1.23 B	21
22	0.310B	0.395B	0.380B	15.7 B	4.94	9.71	9.48	9.64	5.27	6.38B	1.97B	1.22 B	22
23	0.288B	0.370B	0.370B	16.5 B	5.03	7.17	9.00	8.83	5.08	7.83B	1.96B	1.31 B	23
24	0.279B	0.355B	0.390B	19.5 B	4.99	5.97	8.45	8.13	4.93	7.21B	2.15B	1.45 B	24
25	0.283B	0.330B	0.420B	20.5 B	4.75	5.86	8.03	7.93	4.78	6.44B	2.17B	1.53 B	25
26	0.324B	0.355B	0.425B	19.8 B	4.64	5.71	7.89	7.91	4.57	6.52B	2.05B	1.65 B	26
27	0.334B	0.375B	0.460B	18.2 B	4.71	5.35	8.92	7.87	4.40	6.41B	2.05B	1.71 B	27
28	0.339B	0.395B	0.500B	16.9	5.54	5.30	6.74	7.76	4.49	6.25B	2.07B	1.72 B	28
29	0.379B		0.600B	16.0	8.29	4.86	6.38	7.63	4.79	6.21B	2.03E	1.78 B	29
30	0.392B		0.700B	14.7	10.1	4.40	5.94	8.47	5.02	4.76B	1.96B	1.82 B	30
31	0.393B		0.845B		9.59		5.45	11.1		4.75B		1.87 B	31
TOTAL	14.808	10.268	14.375	224.418	221.73	270.36	263.12	271.14	246.00	237.48	99.21	46.065	TOTAL
MEAN	0.478	0.367	0.464	7.48	7.15	9.01	8.49	8.75	8.20	7.66	3.31	1.49	MEAN
MAX	0.760	0.434	0.845	20.5	13.4	13.0	13.0	15.2	16.3	10.8	5.80	1.95	MAX
MIN	0.279	0.240	0.370	0.626	4.64	4.40	3.75	5.10	4.40	4.75	1.96	0.965	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.26
MAXIMUM DAILY, 20.5B ON APR 25
MINIMUM DAILY, 0.240B ON FEB 2

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 15 N
LONG 104 09 40 W
DRAINAGE AREA, 4 650 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	22 700
FEB	887	AUG	23 400
MAR	1 240	SEP	21 300
APR	19 400	OCT	20 500
MAY	19 200	NOV	8 570
JUN	23 400	DEC	3 980

TOTAL DISCHARGE, 166 000 dam³

TURTLE LAKE NEAR GLASLYN - STATION NO. 05EG009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	654.880	654.896	654.846	---	---	---	---	1
2	---	---	---	---	---	654.881	654.896E	654.852E	---	---	---	---	2
3	---	---	---	---	---	654.882E	654.897E	654.857E	---	---	---	---	3
4	---	---	---	---	---	654.884E	654.897E	654.863E	---	---	---	---	4
5	---	---	---	---	---	654.885E	654.897E	654.868	---	---	---	---	5
6	---	---	---	---	---	654.887E	654.897E	654.859	---	654.749	---	---	6
7	---	---	---	---	---	654.888	654.898E	654.858E	---	---	---	---	7
8	---	---	---	---	---	654.889E	654.898E	654.857	---	---	---	---	8
9	---	---	---	---	---	654.889E	654.898	654.855	---	---	---	---	9
10	---	---	---	---	---	654.890E	654.899	654.854E	---	---	---	---	10
11	---	---	---	---	---	654.890	654.899	654.853E	---	---	---	---	11
12	---	---	---	---	---	654.891	654.898	654.852E	---	---	---	---	12
13	---	---	---	---	---	654.890E	654.898E	654.851E	---	---	---	---	13
14	---	---	---	---	---	654.889	654.898E	654.850E	---	---	---	---	14
15	---	---	---	---	---	654.884E	654.898E	654.849	---	---	---	---	15
16	---	---	---	---	---	654.879	654.898	654.847	---	---	---	---	16
17	---	---	---	---	---	654.879	654.898	654.843E	---	---	---	---	17
18	---	---	---	---	---	654.879	654.897	654.839	---	---	---	---	18
19	---	---	---	---	---	654.879	654.897E	654.831E	---	---	---	---	19
20	---	---	---	---	---	654.879	654.897	654.823	---	---	---	---	20
21	---	---	---	---	---	654.896	654.892E	654.823E	---	---	---	---	21
22	---	---	---	---	---	654.896E	654.888E	654.824E	---	---	---	---	22
23	---	---	---	---	---	654.897E	654.883E	654.826E	---	---	---	---	23
24	---	---	---	---	---	654.897E	654.879E	654.825E	---	---	---	---	24
25	---	---	---	---	---	654.897	654.874	654.825	---	---	---	---	25
26	---	---	---	---	---	654.898E	654.867E	654.823E	---	---	---	---	26
27	---	---	---	---	654.884	654.898E	654.859	654.820E	---	---	---	---	27
28	---	---	---	---	654.883E	654.899E	654.857E	654.818E	---	---	---	---	28
29	---		---	---	654.882E	654.899	654.854E	654.815	---	---	---	---	29
30	---		---	---	654.881E	654.898E	654.852E	654.815	---	---	---	---	30
31	---		---		654.880		654.849	654.815		---		---	31
MEAN	---	---	---	---	---	654.889	654.887	654.840	---	---	---	---	MEAN
MAX	---	---	---	---	---	654.899	654.899	654.868	---	---	---	---	MAX
MIN	---	---	---	---	---	654.879	654.849	654.815	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 36 45 N
LONG 108 35 15 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TURTLELAKE RIVER NEAR TURTLEFORD - STATION NO. 05EG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.085B	0.102B	0.094	0.048	0.072	0.007	0.025	0.118	0.080B	---	1
2	---	---	0.086B	0.102B	0.078	0.082	0.162	0.011	0.019	0.109	0.101B	---	2
3	---	---	0.087B	0.103B	0.095	0.048	0.579	0.052	0.018	0.239	0.104B	---	3
4	---	---	0.088B	0.104B	0.128	0.013	0.220	0.192	0.019	0.334	0.100B	---	4
5	---	---	0.088B	0.105B	0.056	0.030	0.061	0.344	0.020	0.142	0.116B	---	5
6	---	---	0.089B	0.106B	0.018	0.040	0.034	0.338	0.019	0.175	---	---	6
7	---	---	0.089B	0.107B	0.005	0.259	0.042	0.033	0.014	0.152	---	---	7
8	---	---	0.090B	0.108B	0.079	0.244	0.062	0.008	0.009	0.106	---	---	8
9	---	---	0.090B	0.110B	0.081	0.130	0.061	0.005	0.009	0.099	---	---	9
10	---	---	0.091B	0.120B	0.064	0.044	0.038	0.004	0.009	0.089	---	---	10
11	---	---	0.091B	0.585B	0.091	0.034	0.044	0.003	0.009	0.174	---	---	11
12	---	---	0.092B	0.669B	0.099	0.055	0.023	0.003	0.010	0.134	---	---	12
13	---	---	0.092B	0.863B	0.114	0.061	0.023	0.003	0.010	0.592	---	---	13
14	---	---	0.093B	1.03 B	0.046	0.059	0.038	0.006	0.011	0.095	---	---	14
15	---	---	0.093B	1.34 B	0.080	0.076	0.040	0.007	0.011	0.025	---	---	15
16	---	---	0.094B	0.915B	0.147	0.034	0.018	0.008	0.012	0.031	---	---	16
17	---	---	0.094B	0.830B	0.194	0.044	0.008	0.008	0.011	0.067	---	---	17
18	---	---	0.095B	0.641B	0.080	0.042	0.008	0.007	0.013	0.133	---	---	18
19	---	---	0.095B	1.11 B	0.039	0.582	0.009	0.031	0.014	0.102	---	---	19
20	---	---	0.096B	0.576B	0.089	0.035	0.009	0.038	0.014	0.070	---	---	20
21	---	---	0.096B	0.582B	0.136	0.035	0.007	0.033	0.173	0.061	---	---	21
22	---	---	0.097B	0.603B	0.114	0.042	0.006	0.034	0.251	0.084	---	---	22
23	---	---	0.097B	0.805B	0.047	0.084	0.005	0.036	0.059	0.114	---	---	23
24	---	---	0.098B	0.846B	0.089	0.068	0.004	0.026	0.041	0.237	---	---	24
25	---	---	0.098B	0.644B	0.107	0.070	0.004	0.011	0.030	0.180	---	---	25
26	---	---	0.099B	0.505B	0.101	0.054	0.004	0.010	0.027	0.217	---	---	26
27	---	---	0.099B	0.411B	0.097	0.043	0.005	0.012	0.017	0.067	---	---	27
28	---	---	0.100B	0.279	0.053	0.056	0.005	0.012	0.015	0.037	---	---	28
29	---		0.100B	0.383	0.078	0.056	0.005	0.011	0.075	0.035B	---	---	29
30	---		0.101B	0.327	0.084	0.063	0.006	0.013	0.064	0.054B	---	---	30
31	---		0.101B		0.055		0.006	0.013		0.066B		---	31
TOTAL	---	---	2.904	14.931	2.638	2.531	1.608	1.319	1.028	4.138	---	---	TOTAL
MEAN	---	---	0.094	0.498	0.085	0.084	0.052	0.043	0.034	0.133	---	---	MEAN
MAX	---	---	0.101	1.34	0.194	0.582	0.579	0.344	0.251	0.592	---	---	MAX
MIN	---	---	0.085	0.102	0.005	0.013	0.004	0.003	0.009	0.025	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.127
MAXIMUM DAILY, 1.34B ON APR 15
MINIMUM DAILY, 0.003 ON AUG 11
MAXIMUM INSTANTANEOUS,
1.71 AT 08:28 CST ON JUN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 22 37 N
LONG 108 57 04 W
DRAINAGE AREA, 2 310 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	139
FEB	---	AUG	114
MAR	251	SEP	88.8
APR	1 290	OCT	358
MAY	228	NOV	---
JUN	219	DEC	---

TOTAL DISCHARGE, 2 690 dam³

UNNAMED CREEK NEAR CUTBANK - STATION NO. 05HF022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0B	0 B	0.013B	0.001E	0.002	0	0	0	0	---	---	1
2	---	0B	0 B	0.011B	0.001E	0.001	0	0	0	0	---	---	2
3	---	0B	0 B	0.008B	0	0	0	0	0	0	---	---	3
4	---	0B	0 B	0.007B	0	0	0	0	0	0	---	---	4
5	---	0B	0 B	0.005B	0	0.004	0	0	0	0	---	---	5
6	---	0B	0 B	0.003B	0	0.004	0	0	0	0	---	---	6
7	---	0B	0 B	0.002B	0	0.001	0	0	0	0	---	---	7
8	---	0B	0 B	0.270B	0	0	0	0	0	0	---	---	8
9	---	0B	0 B	0.560B	0	0	0	0	0	0	---	---	9
10	---	0B	0 B	0.850B	0.013	0	0	0	0	0	---	---	10
11	---	0B	0 B	1.14 B	0.040	0	0	0	0	0	---	---	11
12	---	0B	0 B	1.45 B	0.042	0	0	0	0	0	---	---	12
13	---	0B	0 B	1.76	0.020	0	0	0	0	0	---	---	13
14	---	0B	0 B	1.16 E	0.005	0	0	0	0	0	---	---	14
15	---	0B	0 B	0.560A	0.003	0	0	0	0	0	---	---	15
16	---	0B	0 B	0.280E	0.003	0	0	0	0	0	---	---	16
17	---	0B	0 B	0.200E	0.003	0	0	0	0	0	---	---	17
18	---	0B	0 B	0.140E	0.002	0	0	0	0	0	---	---	18
19	---	0B	0 B	0.095E	0.001	0	0	0	0	0	---	---	19
20	---	0B	0 B	0.060E	0.001	0	0	0	0	0	---	---	20
21	---	0B	0 B	0.039A	0	0	0	0	0	0	---	---	21
22	---	0B	0 B	0.029E	0	0	0	0	0	0	---	---	22
23	---	0B	0.080B	0.024E	0	0	0	0	0	0	---	---	23
24	---	0B	0.093B	0.015E	0.001	0	0	0	0	0	---	---	24
25	---	0B	0.084B	0.007E	0	0	0	0	0	0	---	---	25
26	---	0B	0.076B	0.001E	0	0	0	0	0	0	---	---	26
27	---	0B	0.070B	0.001E	0	0	0	0	0	0	---	---	27
28	---	0B	0.120B	0.001E	0	0	0	0	0	0	---	---	28
29	---		0.180B	0.001E	0.006	0	0	0	0	0	---	---	29
30	---		0.070B	0.001E	0.010	0	0	0	0	0	---	---	30
31	---		0.026B		0.006		0	0		0		---	31
TOTAL	---	0	0.799	8.693	0.158	0.012	0	0	0	0	---	---	TOTAL
MEAN	---	0	0.026	0.290	0.005	0	0	0	0	0	---	---	MEAN
MAX	---	0	0.180	1.76	0.042	0.004	0	0	0	0	---	---	MAX
MIN	---	0	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.039
MAXIMUM DAILY, 1.76 ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.26B AT 12:30 CST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 28 N
LONG 106 52 15 W
DRAINAGE AREA, 168 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	0	AUG	0
MAR	69.0	SEP	0
APR	751	OCT	0
MAY	13.7	NOV	---
JUN	1.04	DEC	---

TOTAL DISCHARGE, 835 dam³

VAL MARIE PUMP NO. 1 - STATION NO. 11AC068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0.146	0	0	---	---	4
5	---	---	0	0	0	0	0	0.207	0	0	---	---	5
6	---	---	0	0	0	0	0	0.205	0	0	---	---	6
7	---	---	0	0	0	0	0	0.201	0	0	---	---	7
8	---	---	0	0	0	0	0	0.201	0	0	---	---	8
9	---	---	0	0	0	0	0	0.198	0	0	---	---	9
10	---	---	0	0	0	0	0	0.115	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0.127	0.029	0	0	0	---	---	14
15	---	---	0	0	0	0.196	0.102	0	0	0	---	---	15
16	---	---	0	0	0	0.219	0	0	0	0	---	---	16
17	---	---	0	0	0	0.075	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0.066A	0	0.041	0	0	0	---	---	21
22	---	---	0	0	0.253	0	0.239	0	0	0	---	---	22
23	---	---	0	0	0.274	0	0.072	0	0	0	---	---	23
24	---	---	0	0	0.278	0	0	0	0	0	---	---	24
25	---	---	0	0	0.227	0	0	0	0	0	---	---	25
26	---	---	0	0	0.241	0	0.111	0	0	0	---	---	26
27	---	---	0	0	0.286	0	0.127	0	0	0	---	---	27
28	---	---	0	0	0.134	0	0.090	0	0	0	---	---	28
29	---		0	0	0	0	0.191	0	0	0	---	---	29
30	---		0	0	0	0	0.328	0	0	0	---	---	30
31	---		0		0		0.074	0		0		---	31
TOTAL	---	---	0	0	1.759	0.617	1.404	1.273	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.057	0.021	0.045	0.041	0	0	---	---	MEAN
MAX	---	---	0	0	0.286	0.219	0.328	0.207	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.021
MAXIMUM DAILY, 0.328 ON JUL 30
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 44 N
LONG 107 50 51 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	121
FEB	---	AUG	110
MAR	0	SEP	0
APR	0	OCT	0
MAY	152	NOV	---
JUN	53.3	DEC	---

TOTAL DISCHARGE, 436 dam³

VAN PATTENS CREEK NEAR KUROKI - STATION NO. 05MB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.028	0.021	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.041	0.004	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.024	0.008	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.014	0.001	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.013	0.010	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.016	0.004	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.012	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.009	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.008	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.006	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.005	0	0	0	0	0	---	---	11
12	---	---	0B	0.002B	0.003	0.001	0	0	0	0	---	---	12
13	---	---	0B	0.012B	0	0	0	0	0	0	---	---	13
14	---	---	0B	0.198B	0.005	0	0	0	0	0	---	---	14
15	---	---	0B	0.614B	0.005	0	0	0	0	0	---	---	15
16	---	---	0B	1.08 B	0	0	0	0	0	0	---	---	16
17	---	---	0B	1.04 B	0.002	0	0	0	0	0	---	---	17
18	---	---	0B	0.770	0.001	0	0	0	0	0	---	---	18
19	---	---	0B	0.665	0.003	0	0	0	0	0	---	---	19
20	---	---	0B	0.565	0.001	0	0	0	0	0	---	---	20
21	---	---	0B	0.308	0.004	0	0	0	0	0	---	---	21
22	---	---	0B	0.200	0	0	0	0	0	0	---	---	22
23	---	---	0B	0.163	0.002	0	0	0	0	0	---	---	23
24	---	---	0B	0.125	0.002	0	0	0	0	0	---	---	24
25	---	---	0B	0.124	0.001	0	0	0	0	0	---	---	25
26	---	---	0B	0.051	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.019	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.026	0.001	0	0	0	0	0	---	---	28
29	---		0B	0.052	0.004	0.001	0	0	0	0	---	---	29
30	---		0B	0.074	0.016	0	0	0	0	0	---	---	30
31	---		0B		0.017		0	0		0		---	31
TOTAL	---	---	0	6.088	0.243	0.050	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.203	0.008	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0	1.08	0.041	0.021	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.026
MAXIMUM DAILY, 1.08B ON APR 16
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.75B AT 09:20 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 03 N
LONG 103 35 11 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	526	OCT	0
MAY	21.0	NOV	---
JUN	4.32	DEC	---

TOTAL DISCHARGE, 551 dam³

REMARKS - DATA PRIOR TO 1982 PUBLISHED AS "PATTEN CREEK KUROKI"

VIDORA DITCH NEAR CONSUL - STATION NO. 11AB084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	1.15	0	0	0	---	---	1
2	---	---	0	0	0	0	0.413	0	0	0	---	---	2
3	---	---	0	0	0	0	0.008	0	0	0	---	---	3
4	---	---	0	0	0	0	0.002	0	0	0	---	---	4
5	---	---	0	0	0	0	0.001	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0.495	0	0	0	0	---	---	11
12	---	---	0	0	0	1.0	0	0	0	0	---	---	12
13	---	---	0	0	0	1.36	0	0	0	0	---	---	13
14	---	---	0	0	0	1.48	0	0	0	0	---	---	14
15	---	---	0	0	0	1.48	0	0	0	0	---	---	15
16	---	---	0	0	0	1.48	0	0	0	0	---	---	16
17	---	---	0	0	0	1.48	0	0	0	0	---	---	17
18	---	---	0	0	0	1.48	0	0	0	0	---	---	18
19	---	---	0	0	0	1.48	0	0	0	0	---	---	19
20	---	---	0	0	0	1.48	0	0	0	0	---	---	20
21	---	---	0	0	0	1.48	0	0	0	0	---	---	21
22	---	---	0	0	0	1.48	0	0	0	0	---	---	22
23	---	---	0	0	0	1.43	0	0	0	0	---	---	23
24	---	---	0	0	0	1.49	0	0	0	0	---	---	24
25	---	---	0	0	0	1.47	0	0	0	0	---	---	25
26	---	0	0	0	0	1.45	0	0	0	0	---	---	26
27	---	0	0	0	0	1.46	0	0	0	0	---	---	27
28	---	0	0	0	0	1.52	0	0	0	0	---	---	28
29	---		0	0	0	1.56	0	0	0	0	---	---	29
30	---		0	0	0	1.39	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	28.045	1.574	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0.935	0.051	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	1.56	1.15	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.121
MAXIMUM DAILY, 1.56 ON JUN 29
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 27 N
LONG 109 35 30 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	136
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	2 420	DEC	---

TOTAL DISCHARGE, 2 560 dam³

WAKAW LAKE NEAR WAKAW - STATION NO. 05HH004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	509.313	509.378E	509.345E	509.306E	509.293E	---	---	---	1
2	---	---	---	---	---	509.378E	509.340	509.305E	509.294E	509.267	---	---	2
3	---	---	---	---	---	509.383	509.339E	509.305E	509.294	---	---	---	3
4	---	---	---	---	---	509.386E	509.338	509.304E	---	---	---	---	4
5	---	---	---	---	---	509.389E	509.336E	509.304E	---	---	---	---	5
6	---	---	---	---	---	509.393E	509.334E	509.303E	---	---	---	---	6
7	---	---	---	---	---	509.396E	509.333E	509.303E	---	---	---	---	7
8	---	---	---	---	---	509.399E	509.331E	509.302	---	---	---	---	8
9	---	---	---	---	---	509.402E	509.330	509.305E	---	---	---	---	9
10	---	---	---	---	---	509.405E	509.329E	509.308E	---	---	---	---	10
11	---	---	---	---	---	509.409	509.328E	509.311E	---	---	---	---	11
12	---	---	---	---	---	509.403E	509.326E	509.313E	---	---	---	---	12
13	---	---	---	---	---	509.397E	509.345E	509.316	---	---	---	---	13
14	---	---	---	---	509.299	509.391E	509.365E	509.314E	---	509.275	---	---	14
15	---	---	---	---	---	509.385E	509.375E	509.312E	---	---	---	509.301	15
16	---	---	---	---	---	509.378E	509.380E	509.309E	---	---	---	---	16
17	---	---	---	---	---	509.372E	509.381	509.307E	---	---	---	---	17
18	---	---	---	---	---	509.366E	509.372E	509.305	509.264	509.276	---	---	18
19	---	---	---	---	---	509.360E	509.363E	509.305E	---	---	---	---	19
20	---	---	---	---	---	509.354	509.355E	509.304	---	---	---	---	20
21	---	---	---	---	---	509.356E	509.346E	509.310	---	---	---	---	21
22	---	---	---	---	---	509.358E	509.337E	509.307E	---	---	---	---	22
23	---	---	---	---	---	509.359E	509.328E	509.303E	---	509.269	---	---	23
24	---	---	---	---	---	509.361E	509.319	509.300E	509.255	---	---	---	24
25	---	---	---	---	---	509.363E	509.317E	509.297E	---	---	---	---	25
26	---	---	---	---	---	509.364E	509.315E	509.293E	---	---	---	---	26
27	---	---	---	---	---	509.366	509.313E	509.290	---	---	---	---	27
28	---	---	---	---	---	509.361E	509.311E	509.291E	---	---	---	---	28
29	---		---	---	---	509.356E	509.309E	509.291E	---	---	---	---	29
30	---		---	---	---	509.350E	509.307	509.292E	---	---	---	---	30
31	---		---		---		509.306E	509.293E		---		---	31
MEAN	---	---	---	---	---	509.377	509.337	509.303	---	---	---	---	MEAN
MAX	---	---	---	---	---	509.409	509.381	509.316	---	---	---	---	MAX
MIN	---	---	---	---	---	509.350	509.306	509.290	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 509.409 ON JUN 11

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 38 41 N
LONG 105 37 34 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WALDSEA LAKE NEAR HUMBOLDT - STATION NO. 05KA010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	532.555	532.454	532.434	532.453	532.386	532.365	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	532.555	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	532.424	---	---	---	15
16	---	---	---	---	532.530	---	532.454	532.453	532.424	532.357	---	---	16
17	---	---	---	---	532.530	---	---	---	532.425	---	---	---	17
18	---	---	---	---	---	---	---	---	532.425	---	---	---	18
19	---	---	---	---	---	532.534	---	---	---	---	---	---	19
20	---	---	---	---	532.530	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	532.453	---	---	---	---	24
25	---	---	---	---	532.530	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	532.454	---	---	532.386	---	---	---	30
31	---		---		532.555		532.444	532.453		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 16 48 N
LONG 105 11 33 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WASCANA CREEK BELOW KRONAU MARSH - STATION NO. 05JF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	12.3	0.511	0.004	2.34	0	0	0	---	1
2	---	---	0B	0 B	10.8	0.502	0	2.17	0	0.002	0	---	2
3	---	---	0B	0 B	8.58	0.454	0	1.98	0	0.001	0	---	3
4	---	---	0B	0 B	6.92	0.393	0	1.79	0	0.005	0	---	4
5	---	---	0B	0 B	5.80	0.338	0	1.61	0	0.003	0.009	---	5
6	---	---	0B	0 B	4.35	0.280	0	1.44	0	0	0.021	---	6
7	---	---	0B	0 B	3.75	0.260	0	1.25	0	0	0.025	---	7
8	---	---	0B	0 B	3.48	0.255	0	1.10	0	0	0.027	---	8
9	---	---	0B	0 B	2.73	0.223	0	0.977	0	0	0.029	---	9
10	---	---	0B	0 B	2.17	0.214	0	0.861	0	0	0.029	---	10
11	---	---	0B	0 B	1.90	0.199	0	0.732	0	0	0.029	---	11
12	---	---	0B	0 B	1.69	0.180	0	0.576	0	0	0.030	---	12
13	---	---	0B	0 B	1.47	0.161	0	0.462	0	0	0.032	---	13
14	---	---	0B	0 B	1.26	0.145	0	0.347	0	0	0.034	---	14
15	---	---	0B	1.40B	1.07	0.122	0	0.264	0	0	0.032	---	15
16	---	---	0B	16.8	0.937	0.113	0	0.204	0.003	0	0.032	---	16
17	---	---	0B	22.8	0.864	0.107	0	0.147	0.003	0	0.032	---	17
18	---	---	0B	45.3	0.815	0.092	0.041	0.111	0.009	0	0.031	---	18
19	---	---	0B	59.5	0.754	0.064	0.026	0.081	0.009	0	0.032	---	19
20	---	---	0B	62.8	0.660	0.067	0.015	0.058	0.009	0	---	---	20
21	---	---	0B	59.5	0.569	0.056	0.025	0.048	0.009	0	---	---	21
22	---	---	0B	53.6	0.525	0.050	2.70	0.045	0.013	0	---	---	22
23	---	---	0B	45.1	0.485	0.039	4.86	0.039	0.016	0	---	---	23
24	---	---	0B	31.3	0.467	0.041	2.93	0.032	0.014	0	---	---	24
25	---	---	0B	25.6	0.446	0.033	2.06	0.025	0.018	0	---	---	25
26	---	---	0B	29.8	0.412	0.022	2.04	0.020	0.020	0	---	---	26
27	---	---	0B	26.6	0.359	0.016	2.25	0.019	0.021	0	---	---	27
28	---	---	0B	21.7	0.372	0.012	2.37	0.015	0.010	0	---	---	28
29	---		0B	18.2	0.462	0.008	2.46	0.007	0.006	0	---	---	29
30	---		0B	13.3	0.492	0.006	2.51	0.009	0.005	0	---	---	30
31	---		0B		0.506		2.45	0		0		---	31
TOTAL	---	---	0	533.30	77.395	4.963	26.741	18.759	0.165	0.011	---	---	TOTAL
MEAN	---	---	0	17.8	2.50	0.165	0.863	0.605	0.006	0	---	---	MEAN
MAX	---	---	0	62.8	12.3	0.511	4.86	2.34	0.021	0.005	---	---	MAX
MIN	---	---	0	0	0.359	0.006	0	0	0	---	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.70
MAXIMUM DAILY, 62.8 ON APR 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
67.1 AT 20:35 CST ON APR 19

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 07 N
LONG 104 26 03 W
DRAINAGE AREA, 3 070 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 310
FEB	---	AUG	1 620
MAR	0	SEP	16.3
APR	46 100	OCT	0.95
MAY	6 690	NOV	---
JUN	429	DEC	---

TOTAL DISCHARGE, 57 200 dam³

WASCANA CREEK NEAR LUMSDEN - STATION NO. 05JF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.534B	0.280B	0.450B	0.880B	24.3	2.33	1.04	1.11	0.885	1.43	0.874B	0.255B	1
2	0.538B	0.285B	0.457B	0.890B	20.5	2.20	1.14	1.07	0.907	1.18	0.857B	0.265B	2
3	0.542B	0.290B	0.458B	0.900B	17.4	1.95	2.50	0.970	1.42	1.11	0.615B	0.275B	3
4	0.545B	0.300B	0.459B	0.920B	16.0	1.82	2.06	0.964	1.08	1.19	0.791B	0.285B	4
5	0.546B	0.315B	0.460B	0.960B	14.4	1.73	1.30	0.851	0.955	0.876	0.950B	0.290B	5
6	0.547B	0.330B	0.461B	1.20 B	12.3	1.66	1.13	0.920	0.941	0.680	0.872B	0.320B	6
7	0.555B	0.345B	0.462B	1.05 B	10.9	1.65	1.09	1.53	0.888	0.625	0.843B	0.460B	7
8	0.550B	0.360B	0.463B	1.00 B	8.20	1.59	1.04	1.53	0.838	0.511	0.819B	0.440B	8
9	0.545B	0.372B	0.465B	0.980B	3.33	1.56	0.979	1.48	0.731	0.326	0.718B	0.430B	9
10	0.535B	0.380B	0.470B	0.950B	4.20	1.52	1.04	1.37	0.571	0.232	0.860B	0.400B	10
11	0.532B	0.390B	0.475B	0.920B	5.48	1.24	0.972	1.40	0.825	0.189	0.703B	0.420B	11
12	0.530B	0.395B	0.480B	0.900B	4.61	1.18	0.979	1.42	0.807	0.173	0.570B	0.440B	12
13	0.535B	0.400B	0.475B	4.20 B	4.12	1.25	0.977	1.29	0.818	0.487	0.850B	0.460B	13
14	0.580B	0.395B	0.465B	17.0 B	3.62	1.28	0.971	1.15	0.809	0.729	0.800B	0.480B	14
15	0.600B	0.392B	0.440B	25.0 B	3.40	1.18	0.932	1.04	0.811	0.829	0.816B	0.520B	15
16	0.800B	0.385B	0.430B	45.0 B	3.25	1.26	0.928	0.968	0.831	0.819	0.813B	0.650B	16
17	0.950B	0.380B	0.425B	67.7 B	3.19	1.27	1.25	0.920	0.853	0.822	0.824B	0.675B	17
18	0.850B	0.379B	0.420B	61.3	2.95	1.57	9.05	1.03	0.821	0.802	0.791B	0.675B	18
19	0.560B	0.375B	0.419B	99.9	2.76	1.30	3.29	1.36	0.812	0.816	0.767B	0.670B	19
20	0.400B	0.372B	0.425B	87.9	2.57	1.11	1.67	1.98	0.813	0.820	0.718B	0.660B	20
21	0.300B	0.370B	0.440B	76.0	2.52	1.11	1.29	1.23	0.750	0.741	0.630B	0.655B	21
22	0.285B	0.365B	0.460B	83.1	2.42	1.06	1.27	1.11	0.734	0.791	0.480B	0.648B	22
23	0.275B	0.360B	0.490B	94.2	2.34	1.04	4.21	1.06	0.734	0.568	0.370B	0.635B	23
24	0.272B	0.360B	0.530B	78.5	2.34	1.02	4.16	1.66	0.670	0.864	0.310B	0.625B	24
25	0.271B	0.362B	0.650B	54.8	2.52	1.01	1.77	1.25	0.543	0.866	0.260B	0.620B	25
26	0.270B	0.370B	0.780B	44.9	2.07	1.01	1.37	1.07	0.289	0.853	0.230B	0.610B	26
27	0.270B	0.390B	0.840B	39.0	1.98	0.983	1.25	0.993	0.212	0.837	0.210B	0.600B	27
28	0.269B	0.430B	0.880B	34.8	2.11	0.993	1.43	0.953	0.251	0.837	0.215B	0.595B	28
29	0.272B		0.870B	32.0	7.31	1.00	1.52	0.927	1.05	0.820	0.219B	0.585B	29
30	0.275B		0.870B	28.4	5.71	1.04	1.33	0.915	2.02	0.848B	0.207B	0.580B	30
31	0.277B		0.875B		2.86		1.13	0.883		0.883B		0.575B	31
TOTAL	14.810	10.127	16.744	985.250	201.66	40.916	55.068	36.404	24.669	23.554	18.982	15.798	TOTAL
MEAN	0.478	0.362	0.540	32.8	6.51	1.36	1.78	1.17	0.822	0.760	0.633	0.510	MEAN
MAX	0.950	0.430	0.880	99.9	24.3	2.33	9.05	1.98	2.02	1.43	0.950	0.675	MAX
MIN	0.269	0.280	0.419	0.880	1.98	0.983	0.928	0.851	0.212	0.173	0.207	0.255	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.96
MAXIMUM DAILY, 99.9 ON APR 19
MINIMUM DAILY, 0.173 ON OCT 12
MAXIMUM INSTANTANEOUS,
115 AT 05:39 CST ON APR 20

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 10 N
LONG 104 54 35 W
DRAINAGE AREA, 4 600 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	4 760
FEB	875	AUG	3 150
MAR	1 450	SEP	2 130
APR	85 100	OCT	2 040
MAY	17 400	NOV	1 640
JUN	3 540	DEC	1 360

TOTAL DISCHARGE, 125 000 dam³

WASCANA CREEK NEAR SEDLEY - STATION NO. 05JF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	1.53	0.063	0	0.089	0.003	0.001	---	---	1
2	---	---	0B	0 B	1.38	0.055	0	0.034	0.002	0.001	---	---	2
3	---	---	0B	0 B	1.17	0.047	0	0.022	0.001	0.001	---	---	3
4	---	---	0B	0 B	1.01	0.039	0	0.019	0.001	0.001	---	---	4
5	---	---	0B	0 B	0.904	0.038	0	0.013	0.001	0.001	---	---	5
6	---	---	0B	0 B	0.786	0.031	0	0.003	0.001	0.001	---	---	6
7	---	---	0B	0 B	0.671	0.028	0	0.007	0.001	0.001	---	---	7
8	---	---	0B	0 B	0.610	0.024	0	0.005	0.001	0.001	---	---	8
9	---	---	0B	0 B	0.556	0.019	0	0.004	0	0.001	---	---	9
10	---	---	0B	0 B	0.527	0.015	0	0.002	0	0.001	---	---	10
11	---	---	0B	0 B	0.472	0.013	0	0.002	0	0.001	---	---	11
12	---	---	0B	0 B	0.418	0.011	0	0.002	0	0.001	---	---	12
13	---	---	0B	0.004B	0.369	0.009	0	0.001	0	0.001	---	---	13
14	---	---	0B	0.145B	0.319	0.007	0	0.001	0	0.001	---	---	14
15	---	---	0B	5.52 B	0.277	0.006	0	0	0	0	---	---	15
16	---	---	0B	39.9 B	0.247	0.004	0.068	0	0	0	---	---	16
17	---	---	0B	47.4 B	0.222	0.003	1.91	0	0	0.001	---	---	17
18	---	---	0B	35.4	0.209	0.002	1.26	0	0	0.001	---	---	18
19	---	---	0B	27.4	0.199	0.002	0.744	0.001	0	0.001	---	---	19
20	---	---	0B	20.6	0.184	0.001	0.443	0.002	0	0.001	---	---	20
21	---	---	0B	13.5	0.157	0.001	0.248	0.005	0	0.001	---	---	21
22	---	---	0B	9.66	0.131	0	1.38	0.007	0	0.001	---	---	22
23	---	---	0B	5.59	0.111	0	1.49	0.007	0	0.001	---	---	23
24	---	---	0B	3.95	0.095	0	0.837	0.006	0	0.001	---	---	24
25	---	---	0B	2.91	0.079	0	0.583	0.006	0	0.001	---	---	25
26	---	---	0B	2.35	0.062	0	0.466	0.006	0	0.001	---	---	26
27	---	---	0B	2.13	0.052	0	0.795	0.006	0	0.001A	---	---	27
28	---	---	0B	2.21	0.057	0	0.311	0.006	0	0.001E	---	---	28
29	---		0B	3.06	0.085	0	0.217	0.005	0	0.001E	---	---	29
30	---		0B	1.70	0.084	0	0.135	0.004	0	0.001E	---	---	30
31	---		0B		0.072		0.076	0.003		0.001E		---	31
TOTAL	---	---	0	221.429	13.045	0.418	10.563	0.234	0.011	0.029	---	---	TOTAL
MEAN	---	---	0	7.38	0.421	0.014	0.341	0.008	0	0.001	---	---	MEAN
MAX	---	---	0	47.4	1.53	0.063	1.91	0.049	0.003	0.001	---	---	MAX
MIN	---	---	0	0	0.052	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.98
MAXIMUM DAILY, 47.4B ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
51.4B AT 23:35 CST ON APR 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 10 N
LONG 104 01 50 W
DRAINAGE AREA, 1 620 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1950

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	913
FEB	---	AUG	30.2
MAR	0	SEP	0.95
APR	19 100	OCT	2.51
MAY	1 130	NOV	---
JUN	36.1	DEC	---

TOTAL DISCHARGE, 21 200 dam³

WASCANA LAKE AT THE MARINA - STATION NO. 05JF015

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	570.204	570.121	570.140	570.379	570.989	570.628	570.450	570.683	570.586	570.537	570.588	570.588	1
2	570.198	570.121	570.142	570.383	570.858	570.620	570.471	570.677	570.584	570.540	570.585	570.583	2
3	570.191	570.120	570.143	570.385	570.813	570.607	570.467	570.679	570.584	570.541	570.587	570.586	3
4	570.184	570.120	570.144	570.387	570.741	570.599	570.463	570.678	570.580	570.532	570.588	570.586	4
5	570.178	570.121	570.144	570.386	570.630	570.583	570.454	570.674	570.581	570.540	570.589	570.587	5
6	570.171	570.121	570.143	570.328	570.469	570.564	570.442	570.670	570.571	570.542	570.589	570.586	6
7	570.163	570.123	570.143	570.222	570.447	570.548	570.442	570.653	570.566	570.541	570.588	570.585	7
8	570.156	570.122	570.148	570.018	570.703	570.537	570.439	570.660	570.555	570.536	570.587	570.586	8
9	570.149	570.123	570.148	569.802	570.744	570.512	570.435	570.660	570.546	570.538	570.585	570.587	9
10	570.142	570.122	570.152	569.661	570.753	570.497	570.431	570.653	570.538	570.543	570.586	570.587	10
11	570.135	570.122	570.154	569.712	570.746	570.504	570.426	570.643	570.529	570.547	570.585	570.587	11
12	570.127	570.122	570.164	569.814	570.736	570.503	570.422	570.631	570.527	570.543	570.583	570.586	12
13	570.121	570.125	570.166	569.959	570.716	570.504	570.413	570.629	570.521	570.543	570.583	570.587	13
14	570.116	570.127	570.165	570.228	570.704	570.505	570.409	570.628	570.520	570.538	570.584	570.588	14
15	570.110	570.126	570.169	570.276	570.693	570.502	570.410	570.623	570.520	570.542	570.584	570.587	15
16	570.109	570.126	570.176	570.638	570.680	570.515	570.420	570.625	570.519	570.547	570.583	570.587	16
17	570.112	570.126	570.188	571.228	570.670	570.524	570.544	570.618	570.519	570.539	570.582	570.587	17
18	570.112	570.126	570.195	571.325	570.659	570.518	570.573	570.634	570.507	570.543	570.580	570.588	18
19	570.111	570.127	570.195	571.353	570.653	570.505	570.567	570.629	570.499	570.547	570.539	570.587	19
20	570.112	570.127	570.198	571.477	570.640	570.511	570.560	570.624	570.493	570.550	570.538	570.588	20
21	570.112	570.127	570.201	571.484	570.625	570.508	570.562	570.622	570.492	570.551	570.538	570.588	21
22	570.115	570.127	570.206	571.461	570.621	570.502	570.632	570.629	570.489	570.552	570.538	570.555	22
23	570.117	570.129	570.211	571.397	570.609	570.485	570.645	570.628	570.485	570.548	570.538	570.558	23
24	570.121	570.131	570.222	571.239	570.604	570.483	570.636	570.622	570.486	570.547	570.537	570.557	24
25	570.122	570.134	570.233	571.030	570.592	570.477	570.659	570.615	570.478	570.550	570.537	570.559	25
26	570.123	570.136	570.247	570.891	570.573	570.472	570.681	570.608	570.477	570.550	570.537	570.558	26
27	570.123	570.138	570.254	570.971	570.548	570.469	570.686	570.609	570.479	570.543	570.538	570.556	27
28	570.121	570.139	570.265	571.189	570.574	570.466	570.680	570.605	570.509	570.542	570.540	570.557	28
29	570.121		570.290	571.129	570.655	570.458	570.681	570.599	570.522	570.538	570.541	570.559	29
30	570.122		570.326	571.044	570.635	570.455	570.682	570.600	570.528	570.543	570.540	570.559	30
31	570.120		570.366		570.629		570.681	570.588		570.548		570.560	31
MEAN	570.136	570.126	570.195	570.660	570.665	570.519	570.531	570.635	570.526	570.543	570.583	570.550	MEAN
MAX	570.204	570.139	570.366	571.484	570.989	570.628	570.686	570.683	570.586	570.552	570.589	570.588	MAX
MIN	570.109	570.120	570.140	569.661	570.447	570.455	570.409	570.588	570.477	570.532	570.537	570.540	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 570.471
MAXIMUM DAILY, 571.484 ON APR 21
MINIMUM DAILY, 569.661 ON APR 10
MAXIMUM INSTANTANEOUS,
571.508 AT 00:17 CST ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 25 50 N
LONG 104 36 17 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATERBURY LAKE AT CREW CABIN - STATION NO. 07LB001

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	29.255	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	29.178	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	29.615	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 13 00 N
LONG 104 13 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WATERFOUND RIVER BELOW UNKNOWN LAKE - STATION NO. 07LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.1	11.4	11.6	11.6	14.1	20.1	22.8	22.5	21.4	22.1	18.1	16.4	1
2	12.1	11.4	11.6	11.6	14.4	20.1	22.5	24.2	22.1	21.0A	17.6	16.4	2
3	12.0	11.4	11.5	11.6	14.6	20.1	22.4	24.3	23.2	20.6	17.2	16.4	3
4	11.9	11.5	11.5	11.6	15.0	20.1	22.6	22.7	23.3	20.7	17.0	16.4	4
5	11.8	11.5	11.6	11.6	15.7	20.5	22.6	22.2	23.3	20.3	17.0	16.4	5
6	11.8	11.5	11.4	11.5	16.0	20.7	22.1	22.3	23.3	20.2	17.0	16.4	6
7	11.8	11.6	11.4	11.6	16.1	21.4	22.0	22.9	23.3	20.1	17.1	16.4	7
8	11.7	11.6	11.5	11.8	16.0	21.7	22.3	23.0	23.0	19.9	17.0	16.4	8
9	11.7	11.6	11.5	11.7	16.0	21.7	22.3	22.9	22.4	19.7	17.1	16.3	9
10	11.7	11.5	11.5	11.8	16.1	22.2	22.0	22.9	22.5	19.8	17.1	16.3	10
11	11.7	11.4	11.5	11.8	16.3	22.4	21.7	22.8	22.5	19.9	17.0	16.4	11
12	11.5	11.4	11.6	11.8	16.5	22.7	21.7	22.9	22.5	19.6	16.9	16.3	12
13	11.6	11.4	11.6	11.8	16.7	23.2	21.6	22.9	22.5	19.6	16.5	16.3	13
14	11.6	11.5	11.6	11.9	16.8	23.3	21.7	22.5	22.4	19.5	16.5	16.3	14
15	11.5	11.5	11.6	12.1	17.0	23.3	21.6	22.1	22.9	19.6	16.5	16.3	15
16	11.5	11.6	11.5	12.1	17.2	23.1	21.4	22.7	23.8	19.3	16.6	16.3	16
17	11.5	11.6	11.4	12.0	17.4	23.0	21.3	22.8	24.0	19.1	16.6	16.6	17
18	11.4	11.6	11.5	12.0	17.6	23.0	21.3	22.5	25.1	19.0	16.6	16.6	18
19	11.3	11.7	11.5	11.9	17.5	22.7	21.3	23.2	25.9	18.5	16.5	16.7	19
20	11.3	11.8	11.6	12.0	17.7	22.5	21.2	23.9	26.3A	18.4	16.5	16.7	20
21	11.2	11.8	11.6	12.1	17.9	23.6	21.2	24.3A	25.8A	18.4	16.6	16.7	21
22	11.2	11.5	11.6	12.1	18.0	24.0	21.3	23.4A	25.0A	18.5	16.6	16.7	22
23	11.2	11.6	11.6	12.1	18.3	23.9	22.0	23.0E	24.8	18.6	16.5	16.7	23
24	11.2	11.5	11.6	12.3	18.4	23.4	22.5	22.6E	24.4	18.6	16.6	16.7	24
25	11.3	11.5	11.6	12.3	18.5	23.2	22.5	22.2E	23.8	18.6	16.3	16.6	25
26	11.3	11.5	11.5	12.4	19.2	23.2	22.4	21.7A	23.9	18.6	16.4	16.6	26
27	11.4	11.5	11.5	12.6	19.3	23.2	22.6	21.5	23.9	18.6	16.4	16.6	27
28	11.3	11.6	11.6	12.8	19.7	23.3	22.6	21.4	23.7	18.2	16.3	16.5	28
29	11.3		11.7	13.2	20.0	23.1	22.9	21.4	23.0A	18.3	16.4	16.6	29
30	11.4		11.7	13.8	20.2	23.0	23.3	21.4	22.3A	18.2	16.4	16.6	30
31	11.4		11.6		20.2		22.6	21.3		18.0		16.6	31
TOTAL	357.7	323.0	358.1	361.5	534.2	671.7	684.3	702.4	706.3	599.5	502.7	511.2	TOTAL
MEAN	11.5	11.5	11.6	12.1	17.2	22.4	22.1	22.7	23.5	19.3	16.8	16.5	MEAN
MAX	12.1	11.8	11.7	13.8	20.2	24.0	23.3	24.3	26.3	22.1	18.1	16.7	MAX
MIN	11.2	11.4	11.4	11.5	14.1	20.1	21.2	21.3	21.4	18.0	16.3	16.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.3
MAXIMUM DAILY, 26.3A ON SEP 20
MINIMUM DAILY, 11.2 ON JAN 21
MAXIMUM INSTANTANEOUS,
26.5 AT 12:03 CST ON SEP 20

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 10 N
LONG 104 36 30 W
DRAINAGE AREA, 3 160 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	30 900	JUL	59 100
FEB	27 900	AUG	60 700
MAR	30 900	SEP	61 000
APR	31 200	OCT	51 800
MAY	46 200	NOV	43 400
JUN	58 000	DEC	44 200

TOTAL DISCHARGE, 545 000 dam³

WATERHEN LAKE NEAR DORINTOSH - STATION NO. 06AF007

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	472.534	472.492	472.743	472.933	---	---	---	1
2	---	---	---	---	---	472.519	472.492E	472.743	472.933	---	---	---	2
3	---	---	---	---	---	472.519	472.492	472.787	472.943	---	---	---	3
4	---	---	---	---	---	472.519	472.492	472.823	472.943E	---	---	---	4
5	---	---	---	---	---	472.519	472.492	472.843	472.943E	---	---	---	5
6	---	---	---	---	---	472.519	472.492	472.843	472.943	---	---	---	6
7	---	---	---	---	---	472.519	472.492	472.853	472.943	---	---	---	7
8	---	---	---	---	---	472.519	472.586	472.863	472.943	---	---	---	8
9	---	---	---	---	---	472.491	472.563	472.863	472.943	---	---	---	9
10	---	---	---	---	---	472.491	472.614	472.868	472.937E	---	---	---	10
11	---	---	---	---	---	472.491	472.613	472.868	472.932E	---	---	---	11
12	---	---	---	---	---	472.491	472.613	472.871	472.927E	---	---	---	12
13	---	---	---	---	---	472.491	472.613	472.871	472.922E	---	---	---	13
14	---	---	---	---	---	472.491	472.613	472.871	472.917	---	---	---	14
15	---	---	---	---	---	472.490	472.633	472.871	472.917	---	---	---	15
16	---	---	---	---	---	472.490	472.652	472.871	472.917	---	---	---	16
17	---	---	---	---	---	472.490	472.658	472.883	472.917	---	---	---	17
18	---	---	---	---	---	472.490	472.662	472.893	---	---	---	---	18
19	---	---	---	---	---	472.490	472.665	472.893	---	---	---	---	19
20	---	---	---	---	---	472.490	472.667	472.893	---	---	---	---	20
21	---	---	---	---	---	472.490	472.668	472.893	---	---	---	---	21
22	---	---	---	---	---	472.490	472.683	472.893	---	---	---	---	22
23	---	---	---	---	---	472.490	472.683	472.903	---	---	---	---	23
24	---	---	---	---	---	472.490	472.683	472.913	---	---	---	---	24
25	---	---	---	---	---	472.852	472.690	472.928	---	---	---	---	25
26	---	---	---	---	---	472.492	472.703	472.928	---	472.882	---	---	26
27	---	---	---	---	472.534	472.492	472.713	472.928	---	---	---	---	27
28	---	---	---	---	472.534	472.492	472.728	472.932	---	---	---	---	28
29	---		---	---	472.534	472.492	472.743	472.932	---	---	---	---	29
30	---		---	---	472.534	472.492	472.743	472.933	---	---	---	---	30
31	---		---		472.534		472.743	472.943		---		---	31
MEAN	---	---	---	---	---	472.498	472.622	472.875	---	---	---	---	MEAN
MAX	---	---	---	---	---	472.534	472.743	472.943	---	---	---	---	MAX
MIN	---	---	---	---	---	472.490	472.492	472.743	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 472.943 ON AUG 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 45 N
LONG 100 31 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATERHEN RIVER NEAR GOODSOIL - STATION NO. 06AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.22B	1.63B	2.44B	3.12B	4.88	8.61	12.7	18.5	15.6	13.3	12.0	9.12B	1
2	2.21B	1.59B	2.35B	3.24B	5.15	8.59	13.0	18.5	15.5	13.3	11.7	9.06B	2
3	2.20B	1.59B	2.34B	3.32B	5.37	8.83	14.0	16.5	15.5	13.2	11.4	8.97B	3
4	2.19B	1.57B	2.41B	3.41B	5.54	8.96	14.5	16.7	15.3	13.5	10.9	8.95B	4
5	2.18B	1.67B	2.31B	3.48B	5.77	9.19	14.8	16.5	15.1	13.3	11.1	9.01B	5
6	2.25B	1.56B	2.37B	3.59B	5.80	9.34	14.8	16.6	15.2	12.9	11.1	8.97B	6
7	2.25B	1.48B	2.52B	3.65B	5.69	9.40	15.0	16.6	15.2	12.8	11.0	8.85B	7
8	2.17B	1.61B	2.47B	3.73B	5.75	9.61	15.1	16.3	15.1	13.1	10.9	8.90B	8
9	2.09B	1.58B	2.49B	3.67B	5.83	9.69	15.1	16.0	15.0	13.0	10.8	8.55B	9
10	2.02B	1.62B	2.61B	3.61B	5.92	9.61	15.2	15.6	15.4	12.8	10.7	8.46B	10
11	2.00B	1.61B	2.56B	3.60B	5.92	9.71	15.4	15.9	15.4	12.8	10.6	8.39B	11
12	2.06B	1.59B	2.66B	3.59B	6.08	9.80	15.2	16.0	14.9	12.8	10.3	8.37B	12
13	1.97B	1.54B	2.55B	3.59B	6.20	9.87	15.2	15.7	14.7	12.8	10.4	8.35B	13
14	1.97B	1.57B	2.49B	3.65B	6.11	10.4	14.7	15.7	14.6	12.8	10.2	8.42B	14
15	1.89B	1.58B	2.54B	3.75B	6.18	10.5	15.1	15.7	14.5	12.5	10.3	8.28B	15
16	1.77B	1.61B	2.59B	3.72	6.37	10.6	15.4	15.5	14.6	12.0	9.84	8.23B	16
17	1.88B	1.66B	2.60B	3.73	6.53	10.7	15.5	15.6	14.6	12.4	9.45B	8.38B	17
18	2.00B	1.70B	2.61B	3.77	6.57	10.7	15.4	15.5	14.6	12.5	9.81B	8.35B	18
19	1.91B	1.80B	2.62B	3.84	6.65	10.6	15.9	15.5	14.5	12.3	9.87B	8.23B	19
20	1.77B	1.89B	2.69B	3.86	7.04	10.5	15.8	15.3	14.4	12.1A	10.1 B	8.27B	20
21	1.71B	1.96B	2.59B	3.90	7.15	10.9	15.0	15.2	14.4	12.1E	9.90B	8.19B	21
22	1.72B	1.97B	2.65B	3.94	7.19	12.5	15.6	15.8	14.5	12.1E	9.68B	8.38B	22
23	1.77B	1.93B	2.80B	4.03	7.51	12.5	16.1	15.8	14.2	12.1E	9.67B	8.38B	23
24	1.78B	1.91B	2.73B	4.24	7.74	12.7	15.6	15.7	14.1	12.0E	9.39B	8.16B	24
25	1.78B	2.00B	2.78B	4.32	7.84	12.8	15.4	15.8	14.1	12.0E	9.30B	8.12B	25
26	1.71B	2.00B	3.00B	4.43	8.05	12.7	15.2	15.6	13.9	12.0A	9.17B	8.15B	26
27	1.71B	2.10B	2.83B	4.47	8.07	12.6	15.2	15.0	13.5	12.0	9.17B	8.18B	27
28	1.60B	2.39B	3.00B	4.54	8.11	12.5	15.2	15.2	13.3	11.9	9.25B	8.10B	28
29	1.62B		2.90B	4.89	8.13	12.1	15.0	15.1	13.6	11.9	9.18B	8.00B	29
30	1.56B		3.14B	4.80	8.37	12.3	15.0	15.0	13.5	12.0	9.12B	8.08B	30
31	1.58B		3.05B		8.43		14.8	15.4		11.9		8.14B	31
TOTAL	59.54	48.79	81.69	115.48	205.93	318.81	465.9	486.6	438.8	388.2	306.10	261.03	TOTAL
MEAN	1.92	1.74	2.64	3.85	6.64	10.6	15.0	15.7	14.6	12.5	10.2	8.43	MEAN
MAX	2.25	2.39	3.14	4.89	8.43	12.8	16.1	16.7	15.6	13.5	12.0	9.12	MAX
MIN	1.56	1.48	2.31	3.12	4.88	8.59	12.7	14.5	13.3	11.9	9.12	8.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.70
MAXIMUM DAILY, 16.7 ON AUG 4
MINIMUM DAILY, 1.48B ON FEB 7
MAXIMUM INSTANTANEOUS,
17.3 AT 21:11 CST ON AUG 6

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 45 N
LONG 109 13 21 W
DRAINAGE AREA, 7 770 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 140	JUL	40 300
FEB	4 220	AUG	42 000
MAR	7 060	SEP	37 900
APR	9 980	OCT	33 500
MAY	17 800	NOV	26 400
JUN	27 500	DEC	22 600

TOTAL DISCHARGE, 274 000 dam³

WATHANAN RIVER BELOW WATHANAN LAKE - STATION NO. 06DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.5	17.3	14.6E	13.8E	34.0E	121	102	75.5	74.2	57.5	44.8	35.4	1
2	21.3E	17.3	14.5E	13.8E	39.5E	123	100	74.4	73.9	55.8	43.0	35.3	2
3	21.1E	17.1	14.5E	13.8E	44.5A	120	98.2	72.7	73.7	53.7	42.6	35.2	3
4	20.9E	16.9	14.4E	13.8E	49.8	119	97.3	73.5	71.5	55.6	42.4	34.9	4
5	20.7E	16.9	14.3E	13.9E	56.2	115	96.4	74.4	72.5	56.5	42.3	34.8	5
6	20.5E	16.6	14.3E	13.9E	60.4	116	93.7	74.5	73.4	56.4	41.7	34.5	6
7	20.3E	16.5	14.2E	13.9E	64.6	119	93.0	71.9	72.4	54.8	41.2	34.1	7
8	20.1E	16.4	14.2E	13.9E	69.3	122	94.0	73.3	71.9	53.5	40.8	33.7	8
9	20.0E	16.3	14.1E	13.9E	73.4	122	93.7	75.6	71.8	52.6	40.8	33.4	9
10	19.9E	16.1	14.1E	14.0E	76.7	123	92.6	76.4	71.4	52.6	40.6	33.2	10
11	19.8E	15.8	14.1E	14.0E	80.2	124	95.7	76.2	71.7	52.8	40.3	33.1	11
12	19.7E	15.8	14.0E	14.0E	83.6	123	95.2	75.9	68.6	51.3	39.8	32.6	12
13	19.5E	15.8	14.0E	14.0E	85.5	122	95.6	76.5	67.2	51.2	39.6	32.4	13
14	19.3E	15.6	14.0E	14.0E	88.0	122	93.5	76.2	68.1	50.4	39.3	32.3	14
15	19.2E	15.5	13.9E	14.0E	90.5	122	92.2	75.2	67.9	49.6	39.1	32.0	15
16	19.0E	15.3A	13.9E	14.1E	92.9	120	89.9	76.3	65.9	49.8	39.1	31.7	16
17	18.9E	15.2E	13.9E	14.1E	94.6	120	89.0	77.2	65.9	49.2	38.6	31.8	17
18	18.8E	15.2E	13.9E	14.2E	99.1	120	88.8	77.5	62.4	48.8	38.5	31.9	18
19	18.7E	15.1E	13.9E	14.2E	105	118	87.6	77.6	63.0	48.8	37.9	31.7	19
20	18.6E	15.1E	13.9E	14.3E	110	118	84.0	77.7	63.1	48.8	37.7	31.6	20
21	18.5E	15.0E	13.8E	14.3E	114	116	83.3	77.1	63.1	47.8	37.8	31.4	21
22	18.4E	15.0E	13.8E	14.4E	117	117	82.3	76.5	61.3	47.7	37.7	31.3	22
23	18.3E	14.9E	13.8E	14.5E	119	113	83.7	75.8	60.7	47.6	37.5	31.1	23
24	18.2E	14.9E	13.8E	14.9E	120	113	80.0	74.8	61.3	46.8	36.9	30.9	24
25	18.1E	14.8E	13.8E	15.3E	120	112	79.8	74.4	60.0	46.4	36.7	30.8	25
26	18.0E	14.8E	13.8E	16.2E	119	108	79.7	73.5	58.6	45.9	36.4	30.5	26
27	17.9E	14.7E	13.8E	18.0E	119	107	78.8	74.3	59.5	45.7	36.0	30.5	27
28	17.8E	14.7E	13.8E	21.5E	121	107	78.2	74.8	58.4	44.9	35.8	30.4	28
29	17.7E		13.8E	25.0E	122	105	78.2	74.2	55.2	44.8	35.6	30.3	29
30	17.5E		13.8E	29.0E	123	103	77.4	74.4	56.4	44.5	35.6	30.1	30
31	17.4A		13.8E		123		75.8	74.4		44.4		29.8	31
TOTAL	595.6	440.6	434.5	462.7	2 814.8	3 512	2 749.6	3 333.6	1 985.0	1 556.2	1 175.3	1 002.7	TOTAL
MEAN	19.2	15.7	14.0	15.4	90.8	117	88.7	75.3	66.2	50.2	39.2	32.3	MEAN
MAX	21.5	17.3	14.6	29.0	123	124	102	77.7	74.3	57.5	44.8	35.4	MAX
MIN	17.4	14.7	13.8	13.8	34.0	103	75.8	71.9	55.2	44.4	35.6	29.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.2
MAXIMUM DAILY, 124 ON JUN 11
MINIMUM DAILY, 13.8E ON MAR 21
MAXIMUM INSTANTANEOUS,
135 AT 18:14 CST ON JUN 11

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 05 20 N
LONG 103 42 40 W
DRAINAGE AREA, 10 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	51 500	JUL	230 000
FEB	38 100	AUG	202 000
MAR	37 500	SEP	172 000
APR	40 000	OCT	134 000
MAY	243 000	NOV	102 000
JUN	303 000	DEC	86 000

TOTAL DISCHARGE, 1 650 000 dam³

WEYBURN INDEX RESERVOIR - STATION NO. 05HB024

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	DRY	DRY	29.020	28.969	28.796	28.708	28.552	28.457	28.431A	---	1
2	---	---	DRY	DRY	29.017	28.964	28.792	28.703	28.545	28.461	---	---	2
3	---	---	DRY	DRY	29.010	28.957	28.784	28.695	28.539	28.461	---	---	3
4	---	---	DRY	DRY	29.016	28.952	28.775	28.688	28.532	28.463	---	---	4
5	---	---	DRY	DRY	29.009	28.952	28.767	28.683	28.523	28.463	---	---	5
6	---	---	DRY	DRY	29.005	28.949	28.759	28.679	28.519	28.462	---	---	6
7	---	---	DRY	DRY	28.996	28.941	28.752	28.675	28.515	28.461	---	---	7
8	---	---	DRY	DRY	28.989	28.935	28.753	28.663	28.510	28.460	---	---	8
9	---	---	DRY	DRY	28.987	28.930	28.754	28.655	28.504	28.460	---	---	9
10	---	---	DRY	DRY	28.991	28.924	28.750	28.647	28.499	28.458	---	---	10
11	---	---	DRY	DRY	28.987	28.919	28.745	28.642A	28.493	28.455	---	---	11
12	---	---	DRY	DRY	28.984	28.913	28.739	28.637E	28.486	28.454	---	---	12
13	---	---	DRY	DRY	28.981	28.908	28.734	28.632E	28.479	28.452	---	---	13
14	---	---	DRY	27.420A	28.977	28.903	28.728	28.628E	28.473	28.451	---	---	14
15	---	---	DRY	28.560E	28.975	28.897	28.728	28.624E	28.469	28.448	---	---	15
16	---	---	DRY	29.436A	28.977	28.893	28.769	28.620E	28.466	28.446	---	---	16
17	---	---	DRY	29.651A	28.985	28.884	28.793	28.616E	28.462	28.445	---	---	17
18	---	---	DRY	29.550E	28.987	28.878	28.783	28.612E	28.458	28.449	---	---	18
19	---	---	DRY	29.446A	28.986	28.869	28.780	28.608E	28.452	28.450	---	---	19
20	---	---	DRY	29.330	28.984A	28.868	28.773	28.604A	28.449	28.448	---	---	20
21	---	---	DRY	29.264	28.980E	28.852	28.763	28.600	28.445	28.447	---	---	21
22	---	---	DRY	29.227	28.976E	28.846	28.759	28.601	28.441	28.447	---	---	22
23	---	---	DRY	29.201	28.973E	28.845	28.758	28.599	28.436	28.445	---	---	23
24	---	---	DRY	29.154	28.970E	28.836	28.755	28.593	28.432	28.445	---	---	24
25	---	---	DRY	29.110	28.966E	28.829	28.749	28.587	28.427	28.443	---	---	25
26	---	---	DRY	29.081	28.963E	28.822	28.744	28.583	28.423	28.442	---	---	26
27	---	---	DRY	29.060	28.960E	28.817	28.741	28.579A	28.425	28.442	---	---	27
28	---	---	DRY	29.055	28.956E	28.816	28.736	28.573E	28.453	28.441	---	---	28
29	---		DRY	29.051	28.973E	28.811	28.728	28.567E	28.459	28.438	---	---	29
30	---		DRY	29.037	28.975E	28.804	28.731	28.561E	28.456	28.435	---	---	30
31	---		DRY		28.971A		28.715	28.555A		28.432		---	31
MEAN	---	---	DRY	---	28.985	28.889	28.756	28.626	28.477	28.450	---	---	MEAN
MAX	---	---	DRY	29.651	29.020	28.969	28.796	28.708	28.552	28.463	---	---	MAX
MIN	---	---	DRY	DRY	28.956	28.804	28.715	28.555	28.423	28.432	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.651A ON APR 17
MINIMUM DAILY, DRY ON MAR 1
MAXIMUM INSTANTANEOUS,
29.963A AT 22:00 CST ON APR 16

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 42 N
LONG 103 40 28 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WEYBURN RESERVOIR NEAR WEYBURN - STATION NO. 05HB020

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	561.000	560.913E	560.775E	560.715E	563.301	563.297	563.214	563.112	563.030	562.946	562.910	562.846	1
2	560.998	560.910A	---	560.720E	563.296	563.310	563.213	563.128	563.073	562.948	562.909	562.858	2
3	560.997	---	---	560.730E	563.297	563.313	563.208	563.134	563.069	562.948	562.903	562.865	3
4	560.996A	---	---	560.740E	563.314	563.311	563.202	563.140	563.062	562.951	562.899	562.865	4
5	---	---	---	560.750E	563.307	563.313	563.195	563.147	563.055	562.961	562.898	562.863	5
6	---	---	---	560.760E	563.283	563.313	563.183	563.153	563.053	562.968	562.896	562.861	6
7	---	---	---	560.780E	563.255	563.306	563.172	563.157	563.049	562.970	562.893	562.859	7
8	---	---	---	560.800E	563.269	563.301	563.165	563.153	563.045	562.968	562.892	562.856	8
9	---	---	---	560.820E	563.300	563.298	563.166	563.152	563.040	562.966	562.890	562.853	9
10	---	---	---	560.840E	563.302	563.291	563.161	563.149	563.033	562.963	562.888	562.850	10
11	---	---	---	560.870E	563.268	563.286	563.156	563.146	563.025	562.960	562.884	562.849	11
12	---	---	---	560.910E	563.247	563.282	563.146	563.145	563.016	562.957	562.882	562.848	12
13	---	---	---	560.970E	563.270	563.282	563.140	563.143	563.006	562.958	562.888	562.846	13
14	---	---	---	561.073A	563.279	563.281	563.131	563.141	563.000	562.955	562.879	562.847	14
15	---	---	---	561.380E	563.271	563.275	563.134	563.133	562.994	562.950	562.877	562.846	15
16	---	---	---	561.652A	563.262	563.267	563.155	563.129	562.989	562.948	562.875	562.845	16
17	---	---	---	562.594	563.245	563.258	563.165	563.126	562.985	562.947	562.874	562.845	17
18	---	---	---	563.275	563.269	563.257	563.159	563.128	562.980	562.946	562.873	562.844	18
19	---	---	---	563.198	563.273	563.253	563.155	563.128	562.973	562.946	562.872	562.842	19
20	---	---	---	562.765	563.295	563.248	563.148	563.124	562.968	562.943	562.870	562.840	20
21	---	---	---	562.489	563.327	563.247	563.137	563.126	562.964	562.940	562.867	562.838	21
22	---	---	---	562.447	563.356	563.254	563.129	563.127	562.958	562.938	562.865	562.839	22
23	---	560.813A	---	562.008	563.377	563.245	563.132	563.127	562.953	562.936	562.862	562.839	23
24	---	---	560.722A	562.970	563.391	563.238	563.132	563.126	562.947	562.934	562.859	562.837	24
25	---	---	---	563.035	563.397	563.231	563.126	563.117	562.943	562.933	562.857	562.834	25
26	---	---	---	563.075	563.400	563.226	563.122	563.113	562.936	562.932	562.856	562.834	26
27	---	---	---	563.259	563.397	563.226	563.120	563.108	562.931	562.930	562.854	562.831	27
28	---	560.788E	---	563.286	563.393	563.228	563.115	563.102	562.950	562.926	562.852	562.828	28
29	---	---	---	563.261	563.375	563.227	563.107	563.097	562.952	562.922	562.851	562.827	29
30	---	---	---	563.272	563.317	563.222	563.101	563.092	562.946	562.916	562.849	562.826	30
31	560.917E		560.710E		563.287		563.101	563.086		562.912		562.825	31
MEAN	---	---	---	561.876	563.309	563.269	563.151	563.129	562.999	562.946	562.877	562.845	MEAN
MAX	---	---	---	563.394	563.400	563.313	563.214	563.157	563.080	562.970	562.910	562.865	MAX
MIN	---	---	---	560.715	563.245	563.222	563.101	563.086	562.931	562.912	562.849	562.825	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 563.400 ON MAY 26

MAXIMUM INSTANTANEOUS,
563.408 AT 23:44 CST ON MAY 28

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 33 N
LONG 103 47 28 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WHEELER RIVER BELOW RUSSELL LAKE - STATION NO. 06DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.0 B	8.90B	8.30B	8.30B	17.8	25.1	22.2	21.0	22.8	20.4	18.0	17.1	1
2	11.1 B	8.86B	8.30B	8.30B	18.2	25.4	21.2	20.7	23.1	20.5	18.1	17.1	2
3	11.2 B	8.82B	8.30B	8.30B	18.3	26.0	20.5	19.2	23.3	19.6	15.3	17.1	3
4	11.2 B	8.78B	8.30B	8.30B	19.0	25.5	21.0	19.1	23.1	19.5	16.8	17.1	4
5	11.0 B	8.75B	8.30B	8.30B	19.9	25.6	21.7	20.8	22.1	19.5	17.0	17.1	5
6	10.8 B	8.72B	8.30B	8.30B	20.4	25.2	21.7	21.6	22.4	19.6	17.1	17.0	6
7	10.9 B	8.69B	8.30B	8.30B	20.5	25.9	22.0	22.3	22.9	19.4	17.3	17.5	7
8	10.8 B	8.66B	8.30B	8.30B	20.8	26.8	22.2	23.3	23.0	19.0	17.3	17.7	8
9	10.7 B	8.63B	8.30B	8.30B	21.1	26.4	22.1	23.8	22.7	19.0	17.3	17.6	9
10	10.6 B	8.60B	8.30B	8.30B	21.4	26.4	22.4	23.1	22.0	19.0	17.3	17.6	10
11	10.5 B	8.58B	8.30B	8.40B	21.5	26.5	21.8	22.9	23.1	19.0	16.9	17.7	11
12	10.4 B	8.56B	8.30B	8.50B	21.8	26.8	21.2	23.3	23.8	19.2	16.7	17.6	12
13	10.3 B	8.54B	8.30B	8.60B	21.9	26.9	20.8	24.0	22.1	19.2	16.9	17.6	13
14	10.2 B	8.52B	8.30B	8.75B	22.0	26.6	21.0	24.5	22.1	19.0	17.0	17.6	14
15	10.1 B	8.50B	8.30B	8.90B	22.0	27.0	20.4	23.8	23.2	18.7	17.0	17.6	15
16	9.98B	8.48B	8.30B	9.10B	22.2	26.4	20.3	23.6	22.3	18.0	17.1	17.4	16
17	9.88B	8.46B	8.30B	9.30B	22.5	26.0	20.0	23.6	21.7	17.3	17.0	17.4	17
18	9.72B	8.44B	8.30B	9.70B	23.1	26.6	20.3	24.6	21.8	17.5	16.9	17.6B	18
19	9.64B	8.42B	8.30B	10.0 B	23.2	26.3	21.4	25.2	21.2	18.3	16.9	17.5B	19
20	9.57B	8.40B	8.30B	10.3 B	23.6	25.6	22.2	25.0	21.5	18.8	16.9	17.4B	20
21	9.50B	8.36B	8.30B	10.8 B	23.8	25.2	21.5	24.7	21.8	18.5	16.9	17.4B	21
22	9.42B	8.35B	8.30B	11.2 B	24.1	25.6	20.3	24.3	21.3	18.0	17.2	17.4B	22
23	9.35B	8.34B	8.30B	11.8 B	24.1	25.4	20.2	24.3	20.8	17.8	17.3	17.3B	23
24	9.27B	8.33B	8.30B	12.2 B	24.5	24.9	21.4	24.1	20.9	18.1	17.2	17.2B	24
25	9.20B	8.32B	8.30B	12.9 B	24.6	24.8	21.0	24.1	21.1	18.1	17.3	17.4B	25
26	9.14B	8.30B	8.30B	13.5 B	24.0	24.5	21.2	23.8	20.7	18.0	17.3	17.4B	26
27	9.07B	8.30B	8.30B	14.5	23.1	23.3	21.4	22.6	20.1	17.8	17.3	17.2B	27
28	9.00B	8.30B	8.30B	15.1	24.0	22.5	22.2	22.2	19.9	18.0	17.1	17.4B	28
29	8.95B		8.30B	16.2	25.0	22.6	22.1	22.7	18.9	17.9	17.0	17.6B	29
30	8.91B		8.30B	17.4	25.4	22.6	22.0	22.9	19.2	18.0	17.1	17.5B	30
31	8.87B		8.30B		25.6		21.3	22.7		17.5		17.3B	31
TOTAL	310.11	238.91	257.30	310.15	689.4	764.4	661.8	711.8	658.9	578.2	518.5	539.4	TOTAL
MEAN	10.0	8.53	8.30	10.3	22.2	25.5	21.3	23.0	21.8	18.7	17.0	17.4	MEAN
MAX	11.2	8.90	8.30	17.4	25.6	27.0	22.4	25.2	23.8	20.5	18.0	17.7	MAX
MIN	8.87	8.30	8.30	8.30	17.8	22.5	20.0	19.1	18.9	17.3	15.3	17.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.1
MAXIMUM DAILY, 27.0 ON JUN 15
MINIMUM DAILY, 8.30B ON FEB 26
MAXIMUM INSTANTANEOUS,
27.3 AT 09:16 CST ON JUN 8

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 28 40 N
LONG 104 59 50 W
DRAINAGE AREA, 3 030 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 800	JUL	57 100
FEB	20 600	AUG	61 500
MAR	22 200	SEP	56 600
APR	26 800	OCT	50 000
MAY	59 600	NOV	44 100
JUN	66 000	DEC	46 600

TOTAL DISCHARGE, 538 000 dam³

WHITE BEAR (CARLYLE) LAKE NEAR CARLYLE - STATION NO. 05ND008

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	731.570	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	731.632	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	731.519	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	731.614	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	731.604	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	731.671	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	731.564	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 45 26 N
LONG 102 16 46 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WHITE FOX RIVER NEAR GARRICK - STATION NO. 05KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	4.72 A	0.394	0.017	0.035	0.085	0.151	0.253	---	1
2	---	---	0B	0 B	3.67 E	0.316	0.007	0.055	0.218	0.128	0.289	---	2
3	---	---	0B	0 B	2.62 E	0.271	0.005	0.080	0.299	0.109	0.271	---	3
4	---	---	0B	0 B	1.58 A	0.226	0.007	0.075	0.293	0.118	0.267A	---	4
5	---	---	0B	0 B	1.38	0.189	0.009	0.062	0.306	0.306	---	---	5
6	---	---	0B	0 B	1.20	0.166	0.028	0.055	0.370	0.352	---	---	6
7	---	---	0B	0 B	1.05	0.159	0.020	0.055	0.361	0.338	---	---	7
8	---	---	0B	0 B	0.918	0.240	0.016	0.058	0.386	0.347	---	---	8
9	---	---	0B	0 B	0.793	0.208	0.020	0.045	0.323	0.388	---	---	9
10	---	---	0B	0 B	0.710	0.182	0.027	0.032	0.352	0.397	---	---	10
11	---	---	0B	0 B	0.622	0.171	0.028	0.018	0.322	0.411	---	---	11
12	---	---	0B	0 B	0.512	0.148	0.026	0.002	0.293	0.412	---	---	12
13	---	---	0B	0 B	0.462	0.152	0.026	0.030	0.284	0.393	---	---	13
14	---	---	0B	0 B	0.405	0.134	0.037	0.091	0.271	0.407	---	---	14
15	---	---	0B	0 B	0.315	0.108	0.070	0.124	0.264	0.417	---	---	15
16	---	---	0B	3.25B	0.233	0.104	0.054	0.171	0.315	0.384	---	---	16
17	---	---	0B	11.1 B	0.254	0.087	0.051	0.127	0.375	0.390	---	---	17
18	---	---	0B	22.9 B	0.246	0.074	0.046	0.101	0.367	0.385	---	---	18
19	---	---	0B	25.9 B	0.220	0.061	0.042	0.049	0.365	0.380	---	---	19
20	---	---	0B	27.2	0.196	0.045	0.041	0.040	0.338	0.408	---	---	20
21	---	---	0B	29.2	0.208	0.050	0.069	0.076	0.296	0.391	---	---	21
22	---	---	0B	23.6	0.225	0.046	0.051	0.090	0.232	0.378	---	---	22
23	---	---	0B	18.6	0.183	0.060	0.044	0.037	0.153	0.395	---	---	23
24	---	---	0B	16.1	0.174	0.057	0.039	0.021	0.130	0.484	---	---	24
25	---	---	0B	13.1	0.162	0.052	0.048	0.038	0.114	0.353	---	---	25
26	---	---	0B	10.3	0.156	0.048	0.067	0.084	0.088	0.337	---	---	26
27	---	---	0B	8.68	0.172	0.039	0.106	0.093	0.075	0.336	---	---	27
28	---	---	0B	7.35	0.189	0.035	0.051	0.075	0.077	0.370	---	---	28
29	---		0B	6.23	0.232	0.039	0.037	0.065	0.118	0.316	---	---	29
30	---		0B	5.34	0.322	0.026	0.027	0.059	0.155	0.288	---	---	30
31	---		0B		0.433		0.026	0.098		0.263		---	31
TOTAL	---	---	0	228.85	24.562	3.877	1.142	2.041	7.625	10.532	---	---	TOTAL
MEAN	---	---	0	7.63	0.792	0.129	0.037	0.066	0.254	0.340	---	---	MEAN
MAX	---	---	0	29.2	4.72	0.394	0.106	0.171	0.386	0.484	---	---	MAX
MIN	---	---	0	0	0.156	0.026	0.005	0.002	0.075	0.109	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.16
MAXIMUM DAILY, 29.2 ON APR 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
30.0 AT 05:24 CST ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 25 20 N
LONG 104 20 30 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	98.7
FEB	---	AUG	176
MAR	0	SEP	659
APR	19 800	OCT	910
MAY	2 120	NOV	---
JUN	335	DEC	---

TOTAL DISCHARGE, 24 100 dam³

WHITESAND RIVER NEAR CANORA - STATION NO. 05NB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.530B	2.92	1.02	0.039	0.642	0.008	0.001	---	---	1
2	---	---	0 B	0.294B	2.54	1.03	0.029	0.502	0.009	0.003	---	---	2
3	---	---	0 B	0.319B	2.14	1.14	0.020	0.543	0.030	0.007	---	---	3
4	---	---	0 B	0.298B	1.94	0.984	0.013	0.469	0.035	0.022	---	---	4
5	---	---	0 B	0.823B	1.77	0.879	0.007	0.409	0.034	0.011	---	---	5
6	---	---	0 B	1.00 B	1.66	1.22	0.010	0.279	0.040	0.005	---	---	6
7	---	---	0 B	0.830B	1.62	0.989	0.012	0.625	0.037	0.016	---	---	7
8	---	---	0 B	0.675B	1.49	1.30	0.008	0.457	0.041	0.042	---	---	8
9	---	---	0 B	0.646B	1.32	1.20	0.005	0.119	0.041	0.160	---	---	9
10	---	---	0 B	0.587B	1.21	0.836	0	0.073	0.032	0.216	---	---	10
11	---	---	0 B	0.727B	1.11	0.670	0	0.049	0.025	0.155	---	---	11
12	---	---	0 B	1.16 B	0.937	0.606	0.003	0.053	0.012	0.100	---	---	12
13	---	---	0 B	2.03 B	0.960	0.245	0.008	0.088	0.005	0.128	---	---	13
14	---	---	0 B	4.27 B	0.838	0.089	0.010	0.080	0.010	0.306	---	---	14
15	---	---	0 B	5.29 B	0.819	0.066	0.003	0.035	0.012	0.128	---	---	15
16	---	---	0 B	4.76 B	0.903	0.062	0.002	0.024	0.010	0.081	---	---	16
17	---	---	0 B	6.65 B	0.751	0.058	6.89	0.024	0.009	0.058	---	---	17
18	---	---	0 B	8.61 B	0.751	0.053	7.51	0.024	0.004	0.041	---	---	18
19	---	---	0 B	8.59 B	0.786	0.053	6.50	0.021	0.004	0.027	---	---	19
20	---	---	0 B	9.24 B	0.785	0.046	5.79	0.017	0.005	0.025	---	---	20
21	---	---	0 B	10.5 B	0.746	0.053	4.86	0.019	0.004	0.042	---	---	21
22	---	---	0 B	9.24 B	0.733	0.045	4.00	0.017	0.003	0.031	---	---	22
23	---	---	0 B	7.16 B	0.725	0.047	3.46	0.021	0.002	0.022	---	---	23
24	---	---	0 B	5.79 B	0.725	0.033	3.46	0.021	0	0.041	---	---	24
25	---	---	0 B	6.54	0.723	0.030	3.15	0.024	0	0.071	---	---	25
26	---	---	0.032B	6.24	0.722	0.038	2.58	0.019	0	0.040	---	---	26
27	---	---	0.361B	5.67	0.656	0.044	2.28	0.013	0	0.027	---	---	27
28	---	---	0.176B	4.87	0.622	0.045	1.76	0.011	0	0.023	---	---	28
29	---		0.271B	4.03	0.642	0.046	1.45	0.004	0	0.010A	---	---	29
30	---		0.439B	3.45	0.830	0.044	1.16	0.003	0	0.010E	---	---	30
31	---		0.538B		0.967		0.865	0.005		0.010E		---	31
TOTAL	---	---	1.817	121.819	35.381	12.971	55.804	4.690	0.412	1.859	---	---	TOTAL
MEAN	---	---	0.059	4.06	1.14	0.432	1.80	0.151	0.014	0.060	---	---	MEAN
MAX	---	---	0.538	10.5	2.92	1.30	7.51	0.642	0.041	0.306	---	---	MAX
MIN	---	---	0	0.294	0.632	0.030	0	0.003	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.958
MAXIMUM DAILY, 10.5B ON APR 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
11.4 AT 13:57 CST ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 11 N
LONG 102 22 11 W
DRAINAGE AREA, 8 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 820
FEB	---	AUG	405
MAR	157	SEP	35.6
APR	10 500	OCT	161
MAY	3 050	NOV	---
JUN	1 120	DEC	---

TOTAL DISCHARGE, 20 200 dam³

WHITESAND RIVER NEAR SPRINGSIDE - STATION NO. 05HB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.048B	0.478B	1.24	0.357	0.011	0.016	0.002	0.012	0.060A	---	1
2	---	---	0.048B	0.252B	0.999	0.331	0.027	0.018	0.002	0.019	---	---	2
3	---	---	0.048B	0.194B	0.976	0.304	0.031	0.013	0.003	0.035	---	---	3
4	---	---	0.048B	0.154B	1.02	0.260	0.022	0.010	0.003	0.028	---	---	4
5	---	---	0.048B	0.105B	0.926	0.244	0.014	0.008	0.003	0.006	---	---	5
6	---	---	0.048B	0.083B	0.792	0.218	0.051	0.005	0.003	0.006	---	---	6
7	---	---	0.048B	0.057B	0.750	0.213	0.008	0.002	0.003	0.005	---	---	7
8	---	---	0.048B	0.094B	0.551	0.203	0.007	0.002	0.001	0.010	---	---	8
9	---	---	0.048B	0.125B	0.450	0.132	0.005	0.002	0.003	0.008	---	---	9
10	---	---	0.048B	0.128B	0.422	0.083	0.007	0.002	0.003	0.006	---	---	10
11	---	---	0.048B	0.166B	0.386	0.066	0.009	0.002	0.002	0.022	---	---	11
12	---	---	0.048B	0.515B	0.303	0.060	0.008	0.006	0.003	0.041	---	---	12
13	---	---	0.048B	1.06 B	0.286	0.047	0.006	0.008	0.003	0.029	---	---	13
14	---	---	0.048B	2.30 B	0.315	0.035	0.006	0.006	0.002	0.032	---	---	14
15	---	---	0.048B	5.21 B	0.337	0.032	0.006	0.013	0.003	0.031	---	---	15
16	---	---	0.048B	6.98 B	0.314	0.029	0.019	0.030	0.005	0.041	---	---	16
17	---	---	0.048B	7.26 B	0.285	0.032	0.438	0.032	0.003	0.044	---	---	17
18	---	---	0.048B	6.32 B	0.285	0.031	0.787	0.017	0.003	0.045	---	---	18
19	---	---	0.048B	5.25 B	0.251	0.030	0.516	0.006	0.003	0.067	---	---	19
20	---	---	0.056B	4.06 B	0.227	0.022	0.391	0.011	0.003	0.046	---	---	20
21	---	---	0.068B	3.41	0.184	0.016	0.285	0.018	0.002	0.028	---	---	21
22	---	---	0.077B	3.23	0.178	0.015	0.187	0.017	0.002	0.024	---	---	22
23	---	0.048B	0.062B	3.77	0.174	0.016	0.124	0.017	0.002	0.051	---	---	23
24	---	0.048B	0.063B	3.42	0.178	0.015	0.098	0.015	0.001	0.061	---	---	24
25	---	0.048B	0.056B	2.99	0.209	0.014	0.092	0.045	0.001	0.046	---	---	25
26	---	0.048B	0.051B	2.50	0.212	0.014	0.080	0.030	0	0.049	---	---	26
27	---	0.048B	0.050B	2.13	0.185	0.012	0.073	0.020	0	0.044	---	---	27
28	---	0.048B	0.054B	1.88	0.174	0.009	0.046	0.009	0.002	0.044	---	---	28
29	---	---	0.182B	1.63	0.266	0.010	0.038	0.006	0.021	0.047	---	---	29
30	---	---	0.337B	1.46	0.346	0.010	0.030	0.005	0.014	0.053	---	---	30
31	---		0.681B		0.398		0.017	0.081		0.057		---	31
TOTAL	---	---	2.649	67.221	13.619	2.860	3.439	0.382	0.101	1.035	---	---	TOTAL
MEAN	---	---	0.085	2.24	0.439	0.095	0.111	0.012	0.003	0.033	---	---	MEAN
MAX	---	---	0.681	7.26	1.24	0.357	0.787	0.045	0.021	0.067	---	---	MAX
MIN	---	---	0.048	0.057	0.174	0.009	0.005	0.001	0	0.003	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.373
MAXIMUM DAILY, 7.26B ON APR 17
MINIMUM DAILY, 0 ON SEP 26
MAXIMUM INSTANTANEOUS,
7.55B AT 07:10 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 50 N
LONG 102 44 12 W
DRAINAGE AREA, 2 650 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	297
FEB	---	AUG	31.0
MAR	229	SEP	8.73
APR	5 810	OCT	89.4
MAY	1 180	NOV	---
JUN	247	DEC	---

TOTAL DISCHARGE, 7 890 dam³

WILCOX MAIN DITCH NEAR WILCOX - STATION NO. 05JE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	0.432	0	0	0	0	0	---	---	1
2	---	---	0B	0 B	0.359	0	0	0	0	0	---	---	2
3	---	---	0B	0 B	0.308	0	0	0	0	0	---	---	3
4	---	---	0B	0 B	0.280	0	0	0	0	0	---	---	4
5	---	---	0B	0 B	0.220	0	0	0	0	0	---	---	5
6	---	---	0B	0 B	0.167	0	0	0	0	0	---	---	6
7	---	---	0B	0 B	0.142	0	0	0	0	0	---	---	7
8	---	---	0B	0 B	0.113	0	0	0	0	0	---	---	8
9	---	---	0B	0 B	0.116	0	0	0	0	0	---	---	9
10	---	---	0B	0 B	0.118	0	0	0	0	0	---	---	10
11	---	---	0B	0 B	0.115	0	0	0	0	0	---	---	11
12	---	---	0B	0 B	0.122	0	0	0	0	0	---	---	12
13	---	---	0B	0 B	0.110	0	0	0	0	0	---	---	13
14	---	---	0B	0 B	0.095	0	0	0	0	0	---	---	14
15	---	---	0B	0.010B	0.077	0	0	0	0	0	---	---	15
16	---	---	0B	0.500B	0.067	0	0	0	0	0	---	---	16
17	---	---	0B	2.50 B	0.059	0	0	0	0	0	---	---	17
18	---	---	0B	8.83	0.047	0	0	0	0	0	---	---	18
19	---	---	0B	12.3	0.038	0	0	0	0	0	---	---	19
20	---	---	0B	11.6	0.028	0	0	0	0	0	---	---	20
21	---	---	0B	10.4	0.011	0	0	0	0	0	---	---	21
22	---	---	0B	8.63	0.003	0	0	0	0	0	---	---	22
23	---	---	0B	6.64	0	0	0.002	0	0	0	---	---	23
24	---	---	0B	2.36	0	0	0.125	0	0	0	---	---	24
25	---	---	0B	1.47	0	0	0.027	0	0	0	---	---	25
26	---	---	0B	1.17	0	0	0	0	0	0	---	---	26
27	---	---	0B	0.951	0	0	0	0	0	0	---	---	27
28	---	---	0B	0.788	0	0	0	0	0	0	---	---	28
29	---		0B	0.634	0.008	0	0	0	0	0	---	---	29
30	---		0B	0.505	0.014	0	0	0	0	0	---	---	30
31	---		0B		0.003		0	0		0		---	31
TOTAL	---	---	0	67.288	3.044	0	0.154	0	0	0	---	---	TOTAL
MEAN	---	---	0	2.24	0.098	0	0.005	0	0	0	---	---	MEAN
MAX	---	---	0	12.3	0.432	0	0.125	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 12.3 ON APR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.5 AT 14:43 CST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 41 N
LONG 104 46 53 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13.3
FEB	---	AUG	0
MAR	0	SEP	0
APR	5 810	OCT	0
MAY	363	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 6 090 dam³

WILLIAN RIVER ABOVE CARSWELL RIVER - STATION NO. 07NA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.38B	6.19B	6.45B	8.25B	33.0E	23.2E	14.0	15.3E	13.2	15.2	11.9 B	9.28B	1
2	6.37B	6.19B	6.50B	8.38B	37.5E	22.0E	14.3	15.6E	13.6	15.4	12.1 B	9.24B	2
3	6.36B	6.19B	6.55B	8.35B	32.0E	22.3E	14.5A	15.8E	13.8	15.8	11.9 B	9.42B	3
4	6.34B	6.19B	6.60B	8.42B	35.0E	21.0E	14.6E	15.6E	13.9	15.5	13.3 B	9.13B	4
5	6.33B	6.19B	6.65B	8.58B	37.5E	21.3E	14.7E	15.5E	14.0	15.1	12.1 B	9.08B	5
6	6.31B	6.19B	6.69B	8.58B	40.0E	20.0E	14.6E	15.3E	14.1	14.3	12.7 B	9.07B	6
7	6.30B	6.19B	6.73B	8.66B	41.0E	20.4E	14.5E	15.1E	13.6	14.1	11.7 B	9.09B	7
8	6.28B	6.19B	6.77B	8.75B	42.0E	20.0E	14.4E	14.8E	13.5	14.1	11.3 B	9.26B	8
9	6.27B	6.19B	6.81B	8.84B	41.6E	19.6E	14.3E	14.6E	14.1	13.9	11.4 B	9.35B	9
10	6.26B	6.19B	6.85B	8.93B	40.0E	19.2E	14.2E	14.4E	14.6	13.8	11.7 B	9.35B	10
11	6.24B	6.19B	6.89B	9.00B	40.0E	18.8E	14.1E	14.3E	14.7	13.8	11.2 B	9.36B	11
12	6.24B	6.19B	6.93B	9.12B	39.2E	18.4E	14.0E	14.2E	15.4	13.9	11.0 B	9.37B	12
13	6.24B	6.19B	6.97B	9.24B	38.4E	18.1E	13.7E	14.1E	16.3	14.1	11.6 B	9.17B	13
14	6.24B	6.19B	7.01B	9.37B	37.6E	17.8E	13.5E	14.0E	16.0	14.0	11.3 B	9.19B	14
15	6.23B	6.19B	7.05B	9.50B	36.8E	17.6E	13.2E	14.0E	15.8	13.7	11.8 B	9.30B	15
16	6.23B	6.20B	7.11B	9.62B	36.0E	17.3E	13.0E	14.1E	16.4	13.6	11.8 B	9.26B	16
17	6.23B	6.20B	7.17B	9.74B	35.0E	17.0E	12.7E	14.1E	16.3	13.6	11.7 B	9.22B	17
18	6.22B	6.20B	7.23B	9.87B	34.0E	16.7E	12.5E	14.1E	15.9	13.4	11.6 B	9.18B	18
19	6.22B	6.20B	7.29B	10.0 B	33.0E	16.5E	12.2E	14.0E	15.9	13.6	11.6 B	9.14B	19
20	6.22B	6.20B	7.35B	10.2 B	32.0E	16.2E	12.0E	13.9E	15.7	13.9	11.6 B	9.11B	20
21	6.21B	6.22B	7.43B	10.4 B	31.2E	16.0E	11.9E	13.5E	16.2	14.2	11.6 B	9.08B	21
22	6.21B	6.24B	7.51B	10.6 B	30.4E	15.8E	12.0E	13.1E	16.1	14.3	10.9 B	9.04B	22
23	6.21B	6.26B	7.60B	10.8 B	29.6E	15.6E	12.2E	12.8E	15.8	14.3	10.7 B	9.01B	23
24	6.20B	6.28B	7.70B	11.0 B	28.8E	15.4E	12.4E	12.5E	16.2	15.1	10.6 B	8.77B	24
25	6.20B	6.30B	7.80B	11.5 B	28.0E	15.2A	12.6E	12.4A	16.0	15.3	9.99B	8.56B	25
26	6.20B	6.33B	7.91B	12.0 B	27.3E	15.1	12.8E	12.6	15.8	15.1	9.47B	8.35B	26
27	6.20B	6.36B	8.00B	13.0 E	26.6E	15.1	13.2E	12.7	15.9	14.9	9.15B	8.36B	27
28	6.20B	6.40B	8.05B	14.5 E	25.8E	14.7	13.6E	12.8	15.1	14.9	8.73B	8.76B	28
29	6.20B		8.10B	16.5 E	25.1E	14.5	14.1E	13.3	15.2	14.6	8.73B	8.60B	29
30	6.20B		8.15B	19.0 E	24.4E	14.3	14.5E	13.5	15.4	14.0	8.86B	9.18B	30
31	6.20B		8.20B		23.8E		15.0E	13.6		12.7B		8.93B	31
TOTAL	193.74	174.24	224.05	310.54	1 023.2	537.5	419.3	435.6	454.5	444.2	334.03	280.93	TOTAL
MEAN	6.25	6.22	7.23	10.4	33.0	17.9	13.5	14.1	15.2	14.3	11.1	9.06	MEAN
MAX	6.38	6.40	8.20	19.0	42.0	23.2	15.0	15.8	16.4	15.8	13.3	9.42	MAX
MIN	6.20	6.19	6.45	8.25	22.0	14.3	11.9	12.4	13.2	12.7	8.73	8.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.2
MAXIMUM DAILY, 42.0E ON MAY 8
MINIMUM DAILY, 6.19B ON FEB 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 48 50 N
LONG 109 00 10 W
DRAINAGE AREA, 4 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 700	JUL	36 200
FEB	15 100	AUG	37 600
MAR	19 400	SEP	39 300
APR	26 800	OCT	38 400
MAY	88 400	NOV	28 900
JUN	46 400	DEC	24 300

TOTAL DISCHARGE, 418 000 dam³

WILLOW BROOK AT WILLOWBROOK - STATION NO. 05MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.002B	0.007	0.002	0.001	0	0	0	0	---	1
2	---	---	0 B	0.002B	0.010	0.002	0.001	0	0	0	---	---	2
3	---	---	0 B	0.002B	0.008	0.002	0.001	0	0	0	---	---	3
4	---	---	0 B	0.002B	0.004	0.002	0.001	0	0	0	---	---	4
5	---	---	0 B	0.002B	0.003	0.003	0.001	0	0	0	---	---	5
6	---	---	0 B	0.002B	0.002	0.003	0	0	0	0	---	---	6
7	---	---	0 B	0.002B	0.001	0.002	0	0	0	0	---	---	7
8	---	---	0 B	0.002B	0.001	0.002	0	0	0	0	---	---	8
9	---	---	0 B	0.002B	0.001	0.002	0	0	0	0	---	---	9
10	---	---	0 B	0.002B	0.001	0.002	0	0	0	0	---	---	10
11	---	---	0 B	0.004B	0.001	0.002	0	0	0	0	---	---	11
12	---	---	0 B	0.004B	0.001	0.002	0	0	0	0	---	---	12
13	---	---	0 B	0.004B	0.001	0.002	0	0	0	0	---	---	13
14	---	---	0 B	0.002B	0.001	0.002	0	0	0	0	---	---	14
15	---	---	0 B	0.001B	0.001	0.002	0	0	0	0	---	---	15
16	---	---	0 B	0.025B	0.001	0.003	0	0	0	0	---	---	16
17	---	---	0 B	0.050E	0.001	0.003	0	0	0	0	---	---	17
18	---	---	0 B	0.100E	0.001	0.002	0	0	0	0	---	---	18
19	---	---	0 B	0.200A	0.001	0.003	0	0	0	0	---	---	19
20	---	---	0 B	0.547	0.001	0.002	0	0	0	0	---	---	20
21	---	---	0 B	0.838	0.001	0.002	0	0	0	0	---	---	21
22	---	---	0 B	0.803	0.001	0.002	0	0	0	0	---	---	22
23	---	---	0 B	0.650	0.001	0.003	0	0	0	0	---	---	23
24	---	---	0 B	0.547	0.001	0.002	0	0	0	0	---	---	24
25	---	---	0 B	0.445A	0.001	0.002	0	0	0	0	---	---	25
26	---	---	0 B	0.133A	0.001	0.002	0	0	0	0	---	---	26
27	---	---	0 B	0.010A	0.001	0.002	0	0	0	0	---	---	27
28	---	---	0.005B	0.010A	0.001	0.002	0	0	0	0	---	---	28
29	---		0.002B	0.006	0.001	0.001	0	0	0	0	---	---	29
30	---		0.002B	0.004	0.001	0.001	0	0	0	0	---	---	30
31	---		0.002B		0.002		0	0		0		---	31
TOTAL	---	---	0.012	4.493	0.060	0.063	0.005	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.150	0.002	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0.005	0.803	0.010	0.003	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0.001	0.001	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.019
MAXIMUM DAILY, 0.803 ON APR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.956 AT 01:12 CST ON APR 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 30 N
LONG 102 49 05 W
DRAINAGE AREA, 401 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.43
FEB	---	AUG	0
MAR	1.04	SEP	0
APR	380	OCT	0
MAY	5.18	NOV	---
JUN	5.44	DEC	---

TOTAL DISCHARGE, 400 dam³

WILLOWS COULEE RESERVOIR - STATION NO. 05JD005

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	685.097	685.760E	687.931	688.103	687.854	687.788	687.587	687.474	687.467A	---	1
2	---	---	685.087	685.880E	687.926	688.087	687.853	687.782	687.588	687.474	---	---	2
3	---	---	685.095	685.950E	687.923	688.015	687.862	687.771	687.574	687.473	---	---	3
4	---	---	685.092	686.060E	687.925	687.981	687.833	687.765	687.578	687.469	---	---	4
5	---	---	685.090	686.140E	687.920	687.964	687.823	687.759	687.585	687.465	---	---	5
6	---	---	685.086	686.183A	687.915	687.951	687.812	687.753	687.560	687.462	---	---	6
7	---	---	685.085	686.190	687.911	687.943	687.806	687.744	687.557	687.460	---	---	7
8	---	---	685.084	686.196	687.910	687.939	687.802	687.733	687.551	687.459	---	---	8
9	---	---	685.078	686.201	687.911	687.933	687.799	687.726	687.544	687.458	---	---	9
10	---	---	685.079	686.217	687.920	687.928	687.795	687.713	687.541	687.454	---	---	10
11	---	---	685.082	686.351	687.936	687.925	687.789	687.705	687.535	687.450	---	---	11
12	---	---	685.093	686.956	687.975	687.932	687.785	687.703	687.529	687.448	---	---	12
13	---	---	685.101	687.698	687.971	687.919	687.778	687.695	687.522	687.445	---	---	13
14	---	---	685.127	688.375	687.961	687.917	687.770	687.688	687.514	687.440	---	---	14
15	---	---	685.195	688.326	687.956	687.916	687.769	687.681	687.510	687.438	---	---	15
16	---	---	685.316	688.111	687.956	687.917	687.778	687.675	687.504	687.435	---	---	16
17	---	---	685.420	688.047	687.954	687.912	687.815	687.671	687.500	687.433	---	---	17
18	---	---	685.500	688.027	687.950	687.906	687.813	687.666	687.495	687.437	---	---	18
19	---	---	685.565	688.019	687.956	687.900	687.808	687.663	687.489	687.439	---	---	19
20	---	---	685.603	688.005	687.984	687.892	687.804	687.657	687.486	687.437	---	---	20
21	---	---	685.616A	687.995	687.973	687.887	687.797	687.651	687.482	687.435	---	---	21
22	---	---	685.625E	687.989	687.961	687.885	687.793	687.646	687.478	687.434	---	---	22
23	---	685.110A	685.635E	687.982	687.958	687.881	687.789	687.640	687.475	687.433	---	---	23
24	---	685.109	685.640E	687.976	687.953	687.875	687.785	687.633	687.470	687.432	---	---	24
25	---	685.106	685.645E	687.970	687.948	687.869	687.779	687.627	687.465	687.429	---	---	25
26	---	685.104	685.650E	687.964	687.942	687.863	687.791	687.624	687.460	687.428	---	---	26
27	---	685.101	685.660E	687.958	687.938	687.863	687.818	687.615	687.459	687.427	---	---	27
28	---	685.097	685.665E	687.953	688.019	687.873	687.812	687.608	687.479	687.423	---	---	28
29	---	---	685.680E	687.944	688.307	687.866	687.806	687.603	687.479	687.418	---	---	29
30	---	---	685.690E	687.936	688.162	687.861	687.799	687.595	687.475	687.414	---	---	30
31	---	---	685.702A		688.088		687.794	687.593		687.410		---	31
MEAN	---	---	685.358	687.278	687.969	687.923	687.803	687.683	687.515	687.443	---	---	MEAN
MAX	---	---	685.702	688.375	688.307	688.103	687.854	687.788	687.587	687.474	---	---	MAX
MIN	---	---	685.078	685.760	687.910	687.861	687.769	687.593	687.459	687.410	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 688.375 ON APR 14
MINIMUM DAILY, 685.078 ON MAR 9
MAXIMUM INSTANTANEOUS,
688.419 AT 21:41 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 32 N
LONG 105 50 38 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WIWA CREEK NEAR ST. BOSWELLS - STATION NO. 05JC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	12.2 B	3.44	2.44	0.069	0.065	0.030	0.001	---	---	1
2	---	---	0 B	13.1 B	3.09	2.64	0.151	0.064	0.031	0.003	---	---	2
3	---	---	0 B	11.6 B	2.84	3.01	0.063	0.061	0.032	0.003	---	---	3
4	---	---	0 B	9.67B	2.65	2.70	0.043	0.060	0.033	0.001	---	---	4
5	---	---	0 B	8.77B	2.70	2.15	0.042	0.068	0.032	0	---	---	5
6	---	---	0 B	4.86B	2.47	1.46	1.62	0.057	0.031	0	---	---	6
7	---	---	0 B	2.63B	2.00	1.03	2.67	0.049	0.029	0	---	---	7
8	---	---	0 B	1.56B	1.47	0.693	2.07	0.045	0.027	0	---	---	8
9	---	---	0 B	1.92B	1.16	0.493	1.42	0.041	0.024	0	---	---	9
10	---	---	0 B	1.08B	1.12	0.365	0.927	0.037	0.023	0	---	---	10
11	---	---	0 B	2.18B	1.10	0.249	0.678	0.035	0.021	0	---	---	11
12	---	---	0 B	9.76B	0.952	0.195	0.552	0.034	0.020	0	---	---	12
13	---	---	0 B	29.5 B	0.778	0.126	0.465	0.032	0.018	0	---	---	13
14	---	---	0 B	42.7	0.671	0.127	0.435	0.030	0.017	0	---	---	14
15	---	---	0 B	39.0	0.527	0.131	0.412	0.027	0.015	0	---	---	15
16	---	---	0.180B	16.1	0.447	0.167	0.406	0.027	0.017	0	---	---	16
17	---	---	1.80 B	9.12	0.353	0.127	0.572	0.025	0.017	0	---	---	17
18	---	---	7.50 B	9.16	0.292	0.121	0.429	0.027	0.016	0	---	---	18
19	---	---	10.2 B	9.30	0.260	0.107	0.345	0.024	0.015	0	---	---	19
20	---	---	6.58 B	7.93	0.249	0.100	0.300	0.023	0.013	0	---	---	20
21	---	---	5.86 B	6.93	0.297	0.098	0.288	0.021	0.010	0	---	---	21
22	---	---	5.21 B	6.05	0.280	0.097	0.276	0.020	0.008	0	---	---	22
23	---	---	6.41 B	5.57	0.203	0.093	0.333	0.019	0.005	0	---	---	23
24	---	---	3.57 B	5.53	0.151	0.090	0.189	0.016	0.002	0	---	---	24
25	---	---	2.25 B	5.84	0.115	0.086	0.152	0.016	0	0	---	---	25
26	---	---	1.91 B	5.35	0.102	0.084	0.119	0.016	0	0	---	---	26
27	---	---	1.97 B	4.98	0.086	0.087	0.098	0.015	0	0	---	---	27
28	---	---	1.76 B	4.32	0.108	0.084	0.088	0.013	0	0	---	---	28
29	---	---	2.17 B	4.12	0.093	0.080	0.083	0.012	0	0	---	---	29
30	---	---	0.88 B	4.12	1.11	0.071	0.084	0.015	0	0	---	---	30
31	---	---	12.1 B		1.39		0.066	0.026		0		---	31
TOTAL	---	---	70.750	282.87	33.256	19.231	15.337	1.020	0.486	0.088	---	---	TOTAL
MEAN	---	---	2.28	9.43	1.07	0.641	0.495	0.033	0.016	0	---	---	MEAN
MAX	---	---	12.1	42.7	3.44	3.01	2.67	0.068	0.033	0.003	---	---	MAX
MIN	---	---	0	1.08	0.086	0.071	0.042	0.012	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.73
MAXIMUM DAILY, 42.7 ON APR 14
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
49.8 AT 01:39 CST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 05 N
LONG 106 05 10 W

DRAINAGE AREA, 1 360 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 330
FEB	---	AUG	88.1
MAR	6 110	SEP	42.0
APR	24 400	OCT	0.69
MAY	2 870	NOV	---
JUN	1 660	DEC	---

TOTAL DISCHARGE, 36 500 dam³

WOLLASTON LAKE AT ROSS CHANNEL - STATION NO. 06DA001

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.862	27.837	27.797	27.761	27.772	27.925	28.063	28.138	28.154	28.153	28.040	28.019	1
2	27.860	27.832	27.798	27.757	27.767	27.933	28.070	28.136	28.151	28.119	28.015	28.014	2
3	27.856	27.819	27.797	27.758	27.772	27.936	28.063	28.120	28.157	28.125	28.030	28.013	3
4	27.855	27.820	27.797	27.760	27.783	27.934	28.057	28.122	28.141	28.136	28.059	28.007	4
5	27.853	27.820	27.789	27.758	27.803	27.941	28.068	28.120	28.162	28.151	28.073	28.009	5
6	27.854	27.818	27.792	27.757	27.811	27.950	28.061	28.113	28.176	28.152	28.042	28.013	6
7	27.856	27.816	27.791	27.760	27.816	27.984	28.065	28.108	28.178	28.142	28.034	28.015	7
8	27.853	27.816	27.788	27.754	27.827	27.991	28.078	28.128	28.173	28.124	28.036	28.018	8
9	27.850	27.816	27.781	27.760	27.832	27.994	28.080	28.134	28.173	28.114	28.048	28.020	9
10	27.848	27.813	27.783	27.756	27.835	28.002	28.078	28.139	28.175	28.123	28.031	28.023	10
11	27.845	27.814	27.784	27.751	27.840	28.008	28.075	28.139	28.182	28.134	28.021	28.024	11
12	27.843	27.813	27.784	27.750	27.847	28.011	28.081	28.138	28.150	28.110	28.023	28.024	12
13	27.845	27.811	27.783	27.749	27.847	28.016	28.087	28.145	28.153	28.110	28.024	28.024	13
14	27.844	27.807	27.778	27.742	27.854	28.023	28.087	28.162	28.177	28.095	28.019	28.023	14
15	27.841	27.804	27.782	27.737	27.855	28.025	28.082	28.133	28.165	28.083	28.019	28.024	15
16	27.843	27.800	27.777	27.749	27.861	28.025	28.080	28.141	28.157	28.092	28.021	28.024	16
17	27.837	27.801	27.774	27.752	27.866	28.031	28.083	28.152	28.176	28.091	28.016	28.022	17
18	27.832	27.802	27.778	27.750	27.865	28.032	28.089	28.163	28.125	28.095	28.019	28.022	18
19	27.836	27.801	27.777	27.749	27.871	28.034	28.092	28.174	28.164	28.092	28.008	28.021	19
20	27.834	27.806	27.776	27.752	27.880	28.041	28.071	28.166	28.166	28.094	28.014	28.016	20
21	27.833	27.801	27.773	27.750	27.878	28.056	28.087	28.163	28.165	28.088	28.021	28.014	21
22	27.828	27.801	27.775	27.750	27.883	28.051	28.094	28.160	28.151	28.101	28.021	28.012	22
23	27.824	27.800	27.767	27.747	27.886	28.044	28.111	28.167	28.156	28.102	28.021	28.015	23
24	27.822	27.799	27.765	27.741	27.890	28.053	28.109	28.165	28.168	28.082	28.020	28.019	24
25	27.824	27.801	27.762	27.742	27.890	28.055	28.121	28.131	28.147	28.088	28.018	28.017	25
26	27.815	27.800	27.760	27.741	27.888	28.040	28.129	28.123	28.149	28.083	28.019	28.013	26
27	27.825	27.795	27.763	27.743	27.897	28.050	28.131	28.142	28.157	28.079	28.017	28.017	27
28	27.831	27.796	27.766	27.748	27.910	28.058	28.123	28.162	28.150	28.064	28.017	28.016	28
29	27.831		27.759	27.749	27.916	28.059	28.131	28.146	28.119	28.064	28.015	28.014	29
30	27.830		27.757	27.769	27.920	28.062	28.125	28.153	28.146	28.054	28.016	28.013	30
31	27.826		27.763		27.921		28.125	28.160		28.052		28.012	31
MEAN	27.840	27.809	27.778	27.751	27.854	28.012	28.091	28.141	28.159	28.103	28.026	28.017	MEAN
MAX	27.862	27.837	27.798	27.769	27.921	28.062	28.131	28.174	28.182	28.155	28.073	28.024	MAX
MIN	27.815	27.795	27.757	27.737	27.767	27.925	28.061	28.108	28.119	28.052	28.008	28.007	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 27.966
MAXIMUM DAILY, 28.182 ON SEP 11
MINIMUM DAILY, 27.737 ON APR 15
MAXIMUM INSTANTANEOUS,
28.221 AT 14:37 CST ON SEP 10

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 50 N
LONG 103 16 50 W

NATURAL FLOW

WOOD RIVER DIVERSION TO CHAPLIN LAKE - STATION NO. 05JC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.014B	0.035B	2.12	2.03	1.20	0.260	0.245	0.393	---	---	1
2	---	---	0.014B	0.043B	1.99	2.52	1.23	0.277	0.228	0.392	---	---	2
3	---	---	0.014B	0.054B	1.86	2.28	1.24	0.299	0.237	0.389	---	---	3
4	---	---	0.014B	0.070B	1.67	1.22	1.21	0.320	0.251	0.376	---	---	4
5	---	---	0.014B	0.090B	1.56	1.13	1.17	0.338	0.253	0.411	---	---	5
6	---	---	0.014B	0.190B	1.54	1.11	1.18	0.347	0.265	0.417	---	---	6
7	---	---	0.014B	0.517B	1.69	0.733	1.21	0.344	0.278	0.417	---	---	7
8	---	---	0.014B	0.366B	1.76	0.513	1.22	0.344	0.279	0.408	---	---	8
9	---	---	0.014B	0.150B	1.76	0.406	1.33	0.351	0.281	0.410	---	---	9
10	---	---	0.014B	0.029B	1.73	0.444	1.95	0.349	0.276	0.410	---	---	10
11	---	---	0.014B	0.021B	1.66	0.957	2.29	0.344	0.278	0.417	---	---	11
12	---	---	0.014B	0.017B	1.66	1.63	2.08	0.338	0.301	0.420	---	---	12
13	---	---	0.014B	0.297B	1.62	1.59	0.671	0.316	0.313	0.428	---	---	13
14	---	---	0.014B	1.33 B	1.60	1.53	0.245	0.281	0.328	0.437	---	---	14
15	---	---	0.014B	2.06 B	1.66	1.49	0.228	0.266	0.326	0.459	---	---	15
16	---	---	0.014B	2.63 B	1.65	1.44	0.230	0.273	0.358	0.455	---	---	16
17	---	---	0.014B	3.58 B	1.59	1.41	0.234	0.282	0.363	0.476	---	---	17
18	---	---	0.014B	2.58 B	1.58	1.39	0.219	0.322	0.366	0.488	---	---	18
19	---	---	0.014B	2.23 B	1.61	1.36	0.223	0.318	0.350	0.492	---	---	19
20	---	---	0.014B	2.34 B	1.64	1.37	0.234	0.336	0.357	0.508	---	---	20
21	---	---	0.015B	3.13 B	1.60	1.39	0.231	0.350	0.349	0.509	---	---	21
22	---	---	0.015B	3.21	1.61	1.38	0.229	0.336	0.326	0.508	---	---	22
23	---	---	0.015B	2.89	1.52	1.35	0.224	0.324	0.328	0.493	---	---	23
24	---	---	0.016B	2.50	1.50	1.34	0.220	0.318	0.333	0.478	---	---	24
25	---	0.014B	0.016B	2.74	1.55	1.35	0.221	0.314	0.311	0.476	---	---	25
26	---	0.014B	0.016B	2.74	1.55	1.33	0.222	0.305	0.314	0.476	---	---	26
27	---	0.014B	0.016B	2.60	1.56	1.34	0.223	0.306	0.317	0.469	---	---	27
28	---	0.014B	0.016B	2.52	1.66	1.32	0.224	0.297	0.309	0.467A	---	---	28
29	---		0.017B	2.26	2.31	1.28	0.228	0.282	0.307	0.465E	---	---	29
30	---		0.017B	2.24	1.88	1.23	0.241	0.279	0.366	0.463E	---	---	30
31	---		0.026B		1.70		0.250	0.270		0.461E		---	31
TOTAL	---	---	0.465	45.459	52.59	39.943	22.107	9.686	9.199	13.868	---	---	TOTAL
MEAN	---	---	0.015	1.52	1.70	1.33	0.713	0.312	0.307	0.447	---	---	MEAN
MAX	---	---	0.026	3.58	2.31	2.52	2.29	0.351	0.366	0.509	---	---	MAX
MIN	---	---	0.014	0.017	1.50	0.444	0.219	0.260	0.228	0.376	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.789
MAXIMUM DAILY, 3.58B ON APR 17
MINIMUM DAILY, 0.014B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.83B AT 11:03 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 46 N
LONG 106 21 31 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL 1	910
FEB	---	AUG	837
MAR	40.2	SEP	795
APR 3	930	OCT 1	200
MAY 4	548	NOV	---
JUN 3	450	DEC	---

TOTAL DISCHARGE, 16 700 dam³

WOOD RIVER NEAR LAFLECHE - STATION NO. 05JA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	6.57 B	38.3 B	1.60	36.6	0.571	0.155	0.134	0.001	0.007	---	1
2	---	0 B	4.78 B	45.4 B	1.50	23.9	0.513	0.151	0.113	0.001	0.008A	---	2
3	---	0 B	2.39 B	48.0 B	1.46	14.5	0.490	0.150	0.096	0.001	---	---	3
4	---	0 B	1.56 B	37.0 B	1.28	10.5	0.450	0.152	0.080	0.001	---	---	4
5	---	0 B	1.37 B	29.5 B	1.05	8.60	0.381	0.150	0.072	0.001	---	---	5
6	---	0 B	1.20 B	15.7 B	0.919	6.67	0.322	0.148	0.059	0.001	---	---	6
7	---	0 B	1.05 B	14.1 B	0.830	5.31	0.292	0.143	0.050	0.001	---	---	7
8	---	0 B	0.908B	14.7 B	0.753	4.50	0.263	0.141	0.046	0.001	---	---	8
9	---	0 B	0.778B	10.2 B	0.700	3.62	0.238	0.132	0.039	0.001	---	---	9
10	---	0 B	0.669B	7.39B	0.712	2.92	0.213	0.124	0.030	0.001	---	---	10
11	---	0 B	0.635B	9.07B	0.702	2.43	0.184	0.115	0.024	0.001	---	---	11
12	---	0 B	0.958B	13.0 B	0.683	1.97	0.173	0.177	0.018	0	---	---	12
13	---	0 B	3.95 B	17.2 A	0.662	1.65	0.164	0.483	0.013	0	---	---	13
14	---	0 B	11.3 B	20.4	0.653	1.43	0.154	0.465	0.009	0	---	---	14
15	---	0 B	24.3 B	27.2 A	0.638	1.24	0.150	0.325	0.006	0	---	---	15
16	---	0 B	38.4 B	35.8	0.671	1.04	0.161	0.226	0.004	0	---	---	16
17	---	0 B	42.4 B	34.4	0.753	0.895	0.195	0.180	0.003	0	---	---	17
18	---	0 B	36.3 B	23.1 A	0.787	0.809	0.177	0.161	0.002	0.001	---	---	18
19	---	0 B	37.8 B	15.3 A	0.754	0.738	0.178	0.163	0.001	0.002	---	---	19
20	---	0 B	42.2 B	11.7	0.752	0.680	0.170	0.336	0.001	0.002	---	---	20
21	---	0 B	41.7 B	7.95A	0.766	0.629	0.160	0.558	0	0.002	---	---	21
22	---	0 B	22.3 B	5.45	0.748	0.608	0.168	0.617	0	0.002	---	---	22
23	---	0 B	12.9 B	4.36	0.713	0.698	0.162	0.603	0	0.003	---	---	23
24	---	0.001B	11.8 B	3.51	0.700	0.834	0.157	0.558	0	0.003	---	---	24
25	---	2.53 B	12.6 B	2.87	0.718	0.862	0.152	0.501	0	0.004	---	---	25
26	---	8.29 B	12.7 B	2.29	0.820	0.786	0.157	0.445	0	0.007	---	---	26
27	---	8.70 B	15.2 B	1.93	0.968	0.907	0.166	0.385	0	0.007	---	---	27
28	---	7.03 B	22.3 B	1.85	1.18	1.38	0.166	0.307	0	0.007	---	---	28
29	---		34.3 B	1.82	5.14	0.891	0.165	0.247	0.001	0.007	---	---	29
30	---		48.6 B	1.77	16.6	0.670	0.162	0.196	0.001	0.007	---	---	30
31	---		44.9 B		38.8		0.158	0.163		0.008		---	31
TOTAL	---	26.551	535.818	501.26	83.012	138.267	7.212	8.657	0.802	0.073	---	---	TOTAL
MEAN	---	0.948	17.3	16.7	2.68	4.61	0.233	0.279	0.027	0.002	---	---	MEAN
MAX	---	8.70	48.6	48.0	36.8	36.6	0.571	0.617	0.134	0.008	---	---	MAX
MIN	---	0	0.635	1.77	0.638	0.608	0.150	0.115	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.20
MAXIMUM DAILY, 48.6B ON MAR 30
MINIMUM DAILY, 0 ON SEP 21
MAXIMUM INSTANTANEOUS,
51.9B AT 21:00 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 01 N
LONG 106 41 33 W
DRAINAGE AREA, 4 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	623
FEB	2 290	AUG	748
MAR	46 300	SEP	69.3
APR	43 300	OCT	6.31
MAY	7 170	NOV	---
JUN	11 900	DEC	---

TOTAL DISCHARGE, 110 000 dam³

REMARKS - THE MAXIMUM RECORDED DISCHARGE MAY HAVE BEEN EXCEEDED DURING PERIODS OF LOST STAGE RECORD

YELLOW GRASS DITCH NEAR YELLOW GRASS - STATION NO. 05NB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	21.1	0.727	0.008	0.589	0.003	0	---	---	1
2	---	---	0B	0 B	19.5	0.713	0.006	0.536	0.002	0	---	---	2
3	---	---	0B	0 B	18.3	0.613	0.004	0.476	0.001	0.001	---	---	3
4	---	---	0B	0 B	17.4	0.510	0.002	0.414	0	0.004	---	---	4
5	---	---	0B	0 B	15.6	0.413	0	0.351	0	0.004	---	---	5
6	---	---	0B	0 B	13.6	0.348	0	0.314	0	0.003	---	---	6
7	---	---	0B	0 B	11.3	0.278	0	0.270	0	0.003	---	---	7
8	---	---	0B	0 B	9.30	0.224	0	0.247	0	0.003	---	---	8
9	---	---	0B	0 B	7.66	0.195	0	0.223	0	0.004	---	---	9
10	---	---	0B	0 B	6.35	0.166	0	0.190	0	0.004	---	---	10
11	---	---	0B	0 B	5.22	0.140	0	0.158	0	0.003	---	---	11
12	---	---	0B	0 B	4.24	0.126	0	0.120	0	0.003	---	---	12
13	---	---	0B	0 B	3.43	0.123	0	0.097	0	0.002	---	---	13
14	---	---	0B	0 B	2.74	0.119	0	0.074	0	0.002	---	---	14
15	---	---	0B	0 B	2.13	0.109	0	0.054	0	0.001	---	---	15
16	---	---	0B	0.330B	1.80	0.103	0.006	0.039	0	0.001	---	---	16
17	---	---	0B	10.5 B	1.51	0.086	0.175	0.028	0	0.001	---	---	17
18	---	---	0B	16.7 B	1.34	0.071	0.205	0.025	0	0.001	---	---	18
19	---	---	0B	17.6	1.23	0.059	0.159	0.019	0	0.003	---	---	19
20	---	---	0B	21.9	1.11	0.047	0.100	0.014	0	0.003	---	---	20
21	---	---	0B	27.4	0.953	0.039	0.057	0.009	0	0.001	---	---	21
22	---	---	0B	29.1	0.824	0.032	0.034	0.007	0	0.001	---	---	22
23	---	---	0B	29.4	0.746	0.028	0.021	0.005	0	0.001	---	---	23
24	---	---	0B	29.7	0.687	0.024	0.096	0.004	0	0.001	---	---	24
25	---	---	0B	29.0	0.657	0.021	0.446	0.003	0	0	---	---	25
26	---	---	0B	27.7	0.594	0.019	0.632	0.003	0	0	---	---	26
27	---	---	0B	26.3	0.514	0.018	0.788	0.002	0	0 A	---	---	27
28	---	---	0B	24.9	0.469	0.015	0.707	0.002	0	0 E	---	---	28
29	---		0B	23.4	0.663	0.013	0.734	0.002	0	0 E	---	---	29
30	---		0B	22.4	0.866	0.010	0.710	0.002	0	0 E	---	---	30
31	---		0B		0.733		0.636	0.003		0 E		---	31
TOTAL	---	---	0	336.330	172.566	5.389	5.526	4.280	0.006	0.050	---	---	TOTAL
MEAN	---	---	0	11.2	5.57	0.180	0.178	0.138	0	0.002	---	---	MEAN
MAX	---	---	0	29.7	21.1	0.727	0.788	0.589	0.003	0.004	---	---	MAX
MIN	---	---	0	0	0.469	0.010	0	0.002	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.14
MAXIMUM DAILY, 29.7 ON APR 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
29.9 AT 18:30 CST ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 11 N
LONG 104 02 16 W
DRAINAGE AREA, 1 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	477
FEB	---	AUG	370
MAR	0	SEP	0.53
APR	29 100	OCT	4.32
MAY	14 900	NOV	---
JUN	466	DEC	---

TOTAL DISCHARGE, 45 300 dam³

YORK LAKE NEAR YORKTON - STATION NO. 05MB014

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	511.489E	511.467E	---	---	---	---	---	---	1
2	---	---	---	---	511.487E	511.445E	---	---	---	---	---	---	2
3	---	---	---	---	511.485E	511.443E	---	---	511.283	---	---	---	3
4	---	---	---	---	511.483E	511.441	---	---	---	---	---	---	4
5	---	---	---	---	511.481E	511.442E	---	---	---	---	---	---	5
6	---	---	---	---	511.479E	511.448E	---	---	---	---	---	---	6
7	---	---	---	---	511.477E	511.445E	---	---	---	---	---	---	7
8	---	---	---	---	511.475E	511.447E	---	---	---	---	---	---	8
9	---	---	---	---	511.473E	511.448E	---	---	---	---	---	---	9
10	---	---	---	---	511.471	511.449E	---	---	---	---	---	---	10
11	---	---	---	---	511.471E	511.451	---	---	---	---	---	---	11
12	---	---	---	---	511.471E	511.446E	---	---	---	---	---	---	12
13	---	---	---	---	511.470E	511.441E	---	---	---	---	---	---	13
14	---	---	---	---	511.470E	511.436E	---	---	---	---	---	---	14
15	---	---	---	---	511.470E	511.431E	---	---	---	---	---	---	15
16	---	---	---	---	511.469E	511.426E	---	---	---	---	---	---	16
17	---	---	---	---	511.469E	511.421E	---	---	---	---	---	---	17
18	---	---	---	---	511.469	511.416E	---	---	---	---	---	---	18
19	---	---	---	---	511.470E	511.411E	---	---	---	---	511.310	---	19
20	---	---	---	---	511.471	511.406E	---	---	---	---	---	---	20
21	---	---	---	511.491	511.469E	511.401E	---	---	---	---	---	---	21
22	---	---	---	511.491E	511.467E	511.396E	---	---	---	---	---	---	22
23	---	---	---	511.491E	511.465E	511.391E	---	---	---	---	---	---	23
24	---	---	---	511.491E	511.463E	511.386E	---	---	---	---	---	---	24
25	---	---	---	511.491E	511.461E	511.381	---	---	---	---	---	---	25
26	---	---	---	511.491E	511.459E	511.381E	---	---	---	---	---	---	26
27	---	---	---	511.491E	511.457E	511.381E	---	---	---	---	---	---	27
28	---	---	---	511.491E	511.455E	511.381E	---	---	---	---	---	---	28
29	---		---	511.491E	511.453E	511.381E	---	---	---	---	---	---	29
30	---		---	511.491	511.451E	511.381E	---	---	---	511.238	---	---	30
31	---		---		511.449E		---	---		---		---	31
MEAN	---	---	---	---	511.469	511.420	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	511.489	511.451	---	---	---	---	---	---	MAX
MIN	---	---	---	---	511.449	511.381	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 09 57 N
LONG 102 29 53 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

YORKTON CREEK NEAR EBENEZER - STATION NO. 05MB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.010B	1.25 B	0.188	0.196	0.031	0.187	0.074	0.276	---	---	1
2	---	---	0.010B	1.22 B	0.143	0.151	0.040	0.170	0.069	0.207	---	---	2
3	---	---	0.010B	0.231B	0.131	0.152	0.058	0.152	0.066	0.178	---	---	3
4	---	---	0.010B	0.047B	0.116	0.107	0.147	0.145	0.065	0.170	---	---	4
5	---	---	0.010B	0.069B	0.122	0.106	0.092	0.135	0.089	0.205	---	---	5
6	---	---	0.010B	0.054B	0.103	0.364	0.057	0.142	0.104	0.217	---	---	6
7	---	---	0.010B	0.055B	0.098	0.213	0.038	0.133	0.109	0.189	---	---	7
8	---	---	0.010B	0.063B	0.109	0.113	0.028	0.126	0.133	0.162	---	---	8
9	---	---	0.010B	0.097B	0.098	0.075	0.030	0.120	0.224	0.144	---	---	9
10	---	---	0.010B	0.140B	0.070	0.054	0.033	0.112	0.250	0.142	---	---	10
11	---	---	0.010B	0.207B	0.073	0.059	0.043	0.104	0.244	0.135	---	---	11
12	---	---	0.010B	0.685B	0.072	0.044	0.034	0.098	0.223	0.133	---	---	12
13	---	---	0.010B	3.04 B	0.064	0.036	0.030	0.096	0.209	0.134	---	---	13
14	---	---	0.010B	5.25 B	0.079	0.029	0.027	0.091	0.188	0.130	---	---	14
15	---	---	0.118B	5.72 B	0.069	0.025	0.022	0.097	0.165	0.118	---	---	15
16	---	---	0.659B	4.16 B	0.126	0.023	0.028	0.109	0.129	0.103	---	---	16
17	---	---	0.090B	1.83 B	0.204	0.025	0.354	0.104	0.118	0.097	---	---	17
18	---	---	0.063B	0.676B	0.170	0.025	1.33	0.121	0.115	0.111	---	---	18
19	---	---	0.060B	0.604B	0.164	0.020	2.82	0.111	0.094	0.101	---	---	19
20	---	---	0.063B	0.894B	0.116	0.024	2.21	0.107	0.093	0.101	---	---	20
21	---	---	0.054B	0.838	0.128	0.034	1.23	0.104	0.088	0.185	---	---	21
22	---	---	0.047B	0.644	0.150	0.044	0.630	0.101	0.071	0.138	---	---	22
23	---	0.010B	0.053B	0.556	0.133	0.063	0.561	0.098	0.131	0.103	---	---	23
24	---	0.010B	0.047B	0.380	0.131	0.041	0.540	0.095	0.146	0.106	---	---	24
25	---	0.010B	0.038B	0.345	0.159	0.041	0.335	0.093	0.126	0.103	---	---	25
26	---	0.010B	0.039B	0.254	0.138	0.039	0.239	0.086	0.096	0.105	---	---	26
27	---	0.010B	0.046B	0.198	0.124	0.037	0.216	0.086	0.124	0.111	---	---	27
28	---	0.010B	0.051B	0.226	0.088	0.033	0.225	0.088	0.203	0.109	---	---	28
29	---		0.027B	0.207	0.102	0.030	0.226	0.084	0.509	0.097	---	---	29
30	---		0.104B	0.191	0.176	0.028	0.256	0.084	0.552	0.094	---	---	30
31	---		0.230B		0.215		0.219	0.079		0.096		---	31
TOTAL	---	---	1.929	30.131	3.859	2.231	12.129	3.458	4.803	4.300	---	---	TOTAL
MEAN	---	---	0.062	1.00	0.124	0.074	0.391	0.112	0.160	0.139	---	---	MEAN
MAX	---	---	0.659	5.72	0.215	0.364	2.82	0.187	0.552	0.276	---	---	MAX
MIN	---	---	0.010	0.047	0.064	0.020	0.022	0.079	0.065	0.094	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.256
MAXIMUM DAILY, 5.72B ON APR 15
MINIMUM DAILY, 0.010B ON MAR 1
MAXIMUM INSTANTANEOUS,
5.99B AT 12:17 CST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 50 N
LONG 102 30 11 W
DRAINAGE AREA, 2 320 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 050
FEB	---	AUG	299
MAR	167	SEP	415
APR	2 600	OCT	372
MAY	333	NOV	---
JUN	193	DEC	---

TOTAL DISCHARGE, 5 430 dam³

ZELMA RESERVOIR AT PUMP STATION - STATION NO. 05HG012

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	517.879E	517.857E	517.834E	517.817E	517.829E	517.577	517.127E	517.118E	517.059E	517.389	517.439	517.431	1
2	517.879E	517.857E	517.833E	517.817E	517.824E	517.574	517.127E	517.118E	517.061E	517.408E	517.440E	517.430E	2
3	517.879E	517.857E	517.833E	517.816E	517.819	517.555E	517.127E	517.119E	517.064	517.426E	517.442E	517.428	3
4	517.880	517.857E	517.832E	517.816E	517.820E	517.536E	517.126E	517.119	517.068E	517.445E	517.443	517.428E	4
5	517.878E	517.857E	517.831E	517.815	517.820	517.517E	517.126	517.128	517.073E	517.463	517.443	517.427E	5
6	517.877E	517.857E	517.830E	517.815E	517.829E	517.498E	517.116	517.128E	517.077E	517.485	517.441E	517.427	6
7	517.876E	517.857E	517.830E	517.815E	517.839E	517.479	517.121	517.127E	517.081	517.479E	517.439E	517.427	7
8	517.875E	517.857E	517.829E	517.815E	517.848E	517.450E	517.120E	517.127E	517.071E	517.473	517.438E	517.426	8
9	517.874E	517.857E	517.828E	517.815E	517.858E	517.421	517.118	517.127E	517.060E	517.474E	517.436E	517.425	9
10	517.872E	517.857	517.827E	517.815E	517.867	517.409	517.119E	517.126E	517.050	517.475E	517.434	517.423E	10
11	517.871E	517.852E	517.827E	517.815E	517.857E	517.389	517.119E	517.126E	517.055E	517.475E	517.433E	517.421E	11
12	517.870E	517.847	517.826E	517.815	517.847E	517.367	517.120	517.126E	517.060E	517.476	517.432	517.419E	12
13	517.869E	517.846E	517.825E	517.818E	517.837	517.347	517.132E	517.125E	517.066E	517.487	517.431E	517.417	13
14	517.868E	517.845E	517.824E	517.821E	517.826E	517.331E	517.143	517.125E	517.071E	517.487E	517.430E	517.417E	14
15	517.867E	517.845E	517.824E	517.825E	517.814	517.316E	517.150E	517.125E	517.076	517.487	517.429E	517.417	15
16	517.865E	517.844E	517.823E	517.828E	517.800E	517.300	517.157	517.124E	517.094	517.480E	517.428	517.414E	16
17	517.864E	517.843E	517.822E	517.831E	517.786	517.289E	517.155E	517.124E	517.105	517.474E	517.446	517.411E	17
18	517.863	517.842E	517.821	517.834E	517.773E	517.277	517.153E	517.124E	517.114E	517.467	517.431E	517.408E	18
19	517.862E	517.842E	517.821E	517.837E	517.761E	517.257E	517.151	517.123E	517.124E	517.480	517.432	517.405E	19
20	517.862E	517.841E	517.820	517.841E	517.748E	517.236	517.142	517.123	517.133	517.461	517.431E	517.402	20
21	517.861E	517.840E	517.820E	517.844	517.736E	517.218E	517.138	517.114E	517.155	517.461E	517.431E	517.413E	21
22	517.861E	517.839E	517.820	517.842E	517.723	517.200E	517.134E	517.106E	517.166	517.460	517.430	517.423	22
23	517.860E	517.839E	517.818E	517.841E	517.705	517.183E	517.129E	517.097E	517.175E	517.462E	517.430E	517.424E	23
24	517.859E	517.838E	517.816E	517.840E	517.679	517.165E	517.125E	517.088E	517.183	517.464E	517.429	517.425	24
25	517.859E	517.837E	517.814E	517.838E	517.664	517.147E	517.120E	517.080E	517.212E	517.466	517.431E	517.425E	25
26	517.858E	517.836E	517.812E	517.837E	517.634	517.129	517.116	517.071E	517.242E	517.465E	517.433	517.425E	26
27	517.858E	517.836E	517.810E	517.836E	517.624	517.129E	517.116E	517.062E	517.271E	517.464	517.433E	517.424E	27
28	517.857E	517.835E	517.808E	517.834	517.616	517.128E	517.116	517.053E	517.301E	517.459E	517.433E	517.424E	28
29	517.856		517.806	517.834E	517.619	517.128E	517.116E	517.045E	517.330E	517.454	517.433	517.424	29
30	517.856E		517.812E	517.834	517.624	517.128E	517.117E	517.036	517.360E	517.447E	517.432E	517.408E	30
31	517.857E		517.818		517.601E		517.117E	517.056		517.439		517.392	31
MEAN	517.867	517.847	517.822	517.827	517.762	517.323	517.129	517.106	517.132	517.462	517.434	517.420	MEAN
MAX	517.880	517.857	517.834	517.844	517.867	517.577	517.157	517.128	517.360	517.487	517.446	517.431	MAX
MIN	517.856	517.835	517.806	517.815	517.601	517.128	517.116	517.036	517.050	517.389	517.428	517.392	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1982

MEAN, 517.509
MAXIMUM DAILY, 517.880 ON JAN 4
MINIMUM DAILY, 517.036 ON AUG 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 50 20 N
LONG 105 50 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NAME	STATION NO.	PAGE
ADAMS LAKE	11AB095	1
ALCOTT CREEK ABOVE MEADOW LAKE	06AD011	1
ALTAWAN RESERVOIR NEAR GOVENLOCK	11AB089	2
AMISK LAKE NEAR FLIN FLON	05KE003	2
ANGLIN LAKE RESERVOIR	05QG005	3
ANTELOPE CREEK NEAR CARRI	05MC005	3
ANTLER RIVER NEAR MAUCHOPE	05MF010	4
ARCOLA INDEX RESERVOIR	05MC006	4
ARM RIVER NEAR BETHUNE	05JH001	5
ASSINIBOINE RIVER AT KAMSACK	05ND004	5
ASSINIBOINE RIVER AT STURGIS	05MC001	6
AVONLEA CREEK NEAR BOULEAU	05JE005	6
AVONLEA INDEX RESERVOIR	05JE010	7
AVONLEA RESERVOIR NEAR AVONLEA	05JE007	7
BALLANTYNE RIVER ABOVE BALLANTYNE BAY	05KF001	8
BARRIER RIVER BELOW BARRIER LAKE	05LA006	8
BATTLE CREEK AT ALBERTA BOUNDARY	11AB117	9
BATTLE CREEK AT INTERNATIONAL BOUNDARY	11AB027	9
BATTLE CREEK BELOW HASHLYN PROJECT	11AB101	10
BATTLE CREEK BELOW WILSON'S WEIR	11AB118	10
BATTLE CREEK NEAR CONSUL	11AB096	11
BATTLE RIVER AT BATTLEFORD	05PF001	11
BEAR CREEK NEAR PIAPOT	05HA003	12
BEAVER CREEK AT INTERNATIONAL BOUNDARY	11AF005	12
BEAVER RIVER BELOW WATERHEN RIVER	06AG001	13
BEAVER RIVER NEAR DORINTOSH	06AD001	13
BECKETT BROOK NEAR FOAM LAKE	05HA022	14
BELANGER CREEK DIVERSION TO CYPRESS LAKE	11AC064	14
BIG GULLY CREEK NEAR NAIDSTOWE	05EF005	15
BIG QUILL LAKE NEAR KANDAHAR	05HA010	15
BIG SANDY LAKE ON THE RANSON LAKE ROAD	05KF004	16
BIGSTONE LAKE NEAR LA RONGE	06CA008	16
BIRCH CREEK NEAR ELFROS	05HA011	17
BIRCH RIVER MARSH NEAR CUMBERLAND HOUSE	05KH014	17
BIRCH RIVER NEAR MANITOBA BOUNDARY	05KH013	18
BIRLING CREEK NEAR PAYNTON	05BG006	18
BISSETT CREEK NEAR CHOICELAND	05KE006	19
BLACKSTRAP RESERVOIR AT SOUTH SIDE OF CAUSEWAY	05MG014	19
BOGGY CREEK NEAR LUMSDEN	05JF006	20
BOUNDARY RESERVOIR NEAR ESTEVAN	05MB012	20
BOXELDER CREEK NEAR WALSH	05AH001	21
BRADWELL INLET CANAL ABOVE BRADWELL RESERVOIR	05MG010	21
BRADWELL RESERVOIR AT PUMP STATION	05MG013	22
BRIDGE CREEK AT GULL LAKE	05HA015	22
BRIGHTSAND LAKE NEAR ST. WALBURG	05EG010	23
BRIGHTWATER CREEK BELOW BRIGHTWATER RESERVOIR	05MG016	23
BRIGHTWATER CREEK NEAR KENASTON	05MG002	24
BRIGHTWATER CREEK NEAR PROCTOR LAKE	05MG020	24
BRIGHTWATER RESERVOIR AT RIPARIAN OUTLET	05MG006	25
BRODERICK IRRIGATION PROJECT MAIN CANAL BELOW PUMPING STATION	05MF007	25
BRODERICK RESERVOIR AT WEST EMBANKMENT	05MF017	26
BROKENSHELL CREEK NEAR TROSSACHS	05JE009	26
BUFFALO POUND LAKE AT PUMPING STATION	05JG009	27
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